



# SDS

## Safety Data Sheets

Heartland Financial / Dubuque Bank & Trust

**ALL SDS ARE LISTED IN ALPHABETICAL ORDER**

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# DUBUQUE BANK & TRUST/HEARTLAND APPROVED CHEMICAL LIST

Updated 08/22/2019

## 80 FRESH PRODUCTS

- Super-Sorb

## CANBERRA CORP

- B.L. Murray Lime Gone Descaler/Metal Brightener

## CHAMPI9ON PACKAGING & DISTRIBUTION

- Sun Brite

## IMPACT

- Floor Mat

## NCL, INC.

- Bathroom Plus Non-Acid Disinfectant Bathroom Cleaner
- Citra Blast Foaming All Purpose
- Eternity Air Freshener & Malodor Destroyer Aerosol
- PROLEX LTD-220 Heavy Duty Multi-Temp Machine Detergent
- PROLEX HTR-260 Concentrated High-Temp Rinse Additive
- Sun Spray Ready to Use Foaming Citrus Degreaser
- White Pearl Luxurious Hand Cleaner & Body Wash

## SEALED AIR DIVERSEY CARE (AKA JOHNSON DIVERSEY)

- Stride Citrus SC 3 Neutral Cleaner
- Multi

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**FIRST AID IS LOCATED IN SECTION 4**

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## SECTIONS OF SAFETY DATA SHEETS (SDS)

- i. Section 1, Identification;
- ii. Section 2, Hazard(s) identification;
- iii. Section 3, Composition/information on ingredients;
- iv. Section 4, First-aid measures;
- v. Section 5, Fire-fighting measures;
- vi. Section 6, Accidental release measures;
- vii. Section 7, Handling and storage;
- viii. Section 8, Exposure controls/personal protection;
- ix. Section 9, Physical and chemical properties;
- x. Section 10, Stability and reactivity;
- xi. Section 11, Toxicological information.
- xii. Section 12, Ecological information;
- xiii. Section 13, Disposal considerations;
- xiv. Section 14, Transport information;
- xv. Section 15, Regulatory information; and
- xvi. Section 16, Other information, including date of preparation or last revision.

## SECTION 1: IDENTIFICATION INFORMATION

- Product identifier used on the label;
- Other means of identification;
- Recommended use of the chemical and restrictions on use;
- Name, address, and telephone number of the manufacturer, importer, or other responsible party;
- Emergency phone number.

## SECTION 2: HAZARD(S) IDENTIFICATION

- Classification of the chemical
- Signal word, hazard statement(s), symbol(s) and precautionary statement(s). (Hazard symbols may be provided as graphical reproductions in black and white or the name of the symbol, e.g., flame, skull and crossbones);
- Describe any hazards not otherwise classified that have been identified during the classification process;
- Where an ingredient with unknown acute toxicity is used in a mixture at a concentration = 1% and the mixture is not classified based on testing of the mixture as a whole, a statement that X% of the mixture consists of ingredient(s) of unknown acute toxicity is required.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### FOR SUBSTANCES

- Chemical name;
- Common name and synonyms;
- CAS number and other unique identifiers;
- Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance.

FOR MIXTURES - In addition to the information required for substances:

- The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance and
  - are present above their cut-off/concentration limits; or
  - present a health risk below the cut-off/concentration limits.
- The concentration (exact percentage) shall be specified unless a trade secret claim is made, when there is batch-to-batch variability in the production of a mixture, or for a group of substantially similar mixtures with similar chemical composition. In these cases, concentration ranges may be used.

FOR ALL CHEMICALS WHERE A TRADE SECRET IS CLAIMED

- Where a trade secret is claimed, the specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret is required.

#### **SECTION 4: FIRST AID MEASURES**

- Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion;
- Most important symptoms/effects, acute and delayed.
- Indication of immediate medical attention and special treatment needed, if necessary.

#### **SECTION 5: FIREFIGHTING MEASURES**

- Suitable (and unsuitable) extinguishing media.
- Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products).

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment, and emergency procedures.
- Methods and materials for containment and cleaning up.

#### **SECTION 7: HANDLING & STORAGE**

- Precautions for safe handling.

#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.
- Appropriate engineering controls.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance (physical state, color, etc.);
- Odor;
- Odor threshold;
- pH;
- Melting point/freezing point;
- Initial boiling point and boiling range;
- Flash point;
- Evaporation rate;
- Flammability (solid, gas);
- Upper/lower flammability or explosive limits;
- Vapor pressure;
- Vapor density;
- Relative density;
- Solubility(ies);
- Partition coefficient: n-octanol/water;
- Auto-ignition temperature;
- Decomposition temperature;
- Viscosity.

## **SECTION 10: STABILITY AND REACTIVITY**

- Reactivity;
- Chemical stability;
- Possibility of hazardous reactions;
- Conditions to avoid (e.g., static discharge, shock, or vibration);
- Incompatible materials;
- Hazardous decomposition products.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Description of the various toxicological (health) effects and the available data used to identify those effects, including:

- Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact);
- Symptoms related to the physical, chemical and toxicological characteristics;
- Delayed and immediate effects and also chronic effects from short- and long-term exposure;
- Numerical measures of toxicity (such as acute toxicity estimates).
- Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest editions), or by OSHA.

## **SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)**

- Ecotoxicity (aquatic and terrestrial, where available);
- Persistence and degradability;
- Bioaccumulative potential;
- Mobility in soil;

## **SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)**

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

## **SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)**

- UN number;
- UN proper shipping name;
- Transport hazard class(es);
- Packing group, if applicable;
- Environmental hazards (e.g., Marine pollutant (Yes/No));
- Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code);
- Special precautions, which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

## **SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)**

Safety, health and environmental regulations specific for the product in question.

## **SECTION 16: OTHER INFORMATION**

Other information, including date of preparation or last revision.

- The date of preparation of the SDS or the last change to it.

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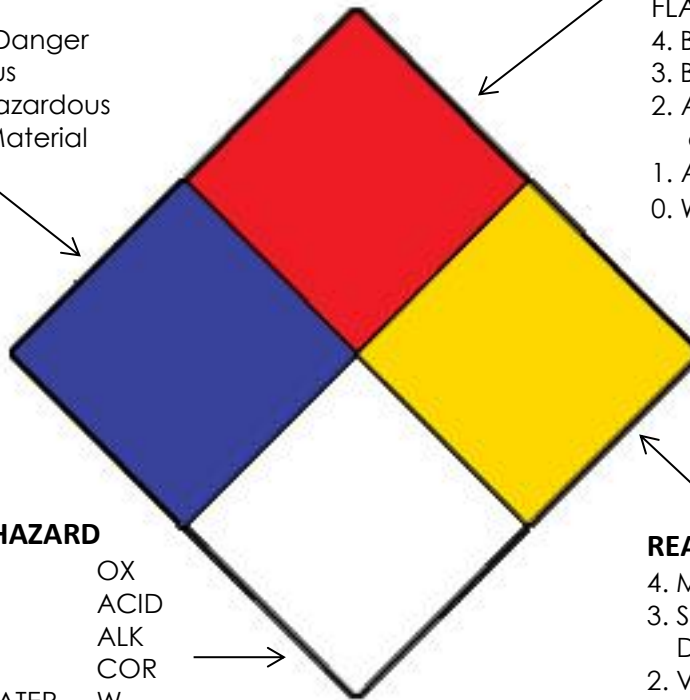
# SDS EXPLANATION GUIDE

### HEALTH HAZARD

- 4. Deadly
- 3. Extreme Danger
- 2. Hazardous
- 1. Slightly Hazardous
- 0. Normal Material

### FIRE HAZARD

- FLASH POINTS
- 4. Below 73° F
  - 3. Below 100° F
  - 2. Above 100° F. Not exceeding 200° F
  - 1. Above 200°F
  - 0. Will not burn



### SPECIFIC HAZARD

- Oxidizer OX
- Acid ACID
- Alkali ALK
- Corrosive COR
- Use NO WATER ☒
- Radioactive ☸


### REACTIVITY

- 4. May Detonate
- 3. Shock & Heat may Detonate
- 2. Violent chemical change
- 1. Unstable if heated
- 0. Stable



# NFPA Rating Explanation Guide



RATING NUMBER	HEALTH HAZARD	FLAMMABILITY HAZARD	INSTABILITY HAZARD	RATING SYMBOL	SPECIAL HAZARD
4	Can be lethal	Will vaporize and readily burn at normal temperatures	May explode at normal temperatures and pressures	ALK	Alkaline
3	Can cause serious or permanent injury	Can be ignited under almost all ambient temperatures	May explode at high temperature or shock	ACID	Acidic
				COR	Corrosive
2	Can cause temporary incapacitation or residual injury	Must be heated or high ambient temperature to burn	Violent chemical change at high temperatures or pressures	OX	Oxidizing
					Radioactive
1	Can cause significant irritation	Must be preheated before ignition can occur	Normally stable. High temperatures make unstable	W	Reacts violently or explosively with water
0	No hazard	Will not burn	Stable	W OX	Reacts violently or explosively with water and oxidizing



## CANBERRA CORPORATION SAFETY DATA SHEET

### 1. Identification

**Product Identifier:** B.L. MURRAY LIME GONE DESCALER/METAL BRIGHTENER

**Application or recommended use:** Acidic metal cleaner/descaler

**Restrictions on use:** Do not use in any fashion not specified on the product label.

**Manufacturer / supplier:** Canberra Corporation

3610 N. Holland-Sylvania Rd.

Toledo, Ohio 43615 USA

**Telephone:** 419-841-6616 **Emergency phone:** 800-832-8992 **National Poison Center:** 800-222-1222

### 2. Hazards Identification

**GHS Classification:** Classification of this mixture in accordance with paragraph (d) of §1910.1200.

Skin Corrosion/Irritation - Category 1C

Eye Damage/Irritation - Category 1

Corrosive to Metals - 1

**Label Elements:**



**Symbol:**

**Signal word:**

**DANGER**

**Hazard statements:**

Causes severe skin burns and serious eye damage.

May be corrosive to metals.

**Precautionary statements:** Do not breathe mist/vapors/spray.

Wash hands, face and any skin contact thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Keep only in original container.

Absorb spillage to prevent material damage.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

See 4. First-Aid Measures for specific treatment.

Store locked up in corrosive resistant container.

Dispose of contents/container to an approved disposal facility.

**Other Hazards:**

Harmful if swallowed.

### 3. Composition / Information on Ingredients

**Chemical characterization:** Phosphoric acid solution, blended with detergents and auxiliary agents.

**Hazardous ingredients:** The exact percentage of composition has been withheld as a trade secret.

30 - 35% Phosphoric acid CAS 7664-38-2, EINECS/ELINCS 231-633-2

1 - 5% C<sub>9</sub>H<sub>11</sub> Alcohol ethoxylate CAS 68439-46-3, EINECS/ELINCS NLP

**Other ingredients (> 1%):**

> 67% Water CAS 7732-18-5, EINECS/ELINCS 231-791-2

### 4. First-Aid Measures

**Symptoms:** Causes irritation or burning sensation. Causes severe skin burns and serious eye damage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Inhalation:** Move person to fresh air. If respiratory irritation or dizziness occurs, seek immediate medical assistance.

**Skin Contact:** Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**4. First-Aid Measures (cont.)**

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration. Probable mucosal damage may contraindicate the use of gastric lavage.

**Note to Physician:** Treat exposed patients symptomatically.

**5. Fire-Fighting Measures**

**Suitable Extinguishing Media:** Not applicable. Product is not a fire hazard.

**Unsuitable Extinguishing Media:** High pressure water jet. **Specific hazards in case of fire:** None known.

**Special Fire Fighting Precautions:** Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

**6. Accidental Release Measures**

**Emergency Procedures:** Depending on the extent of release, consider the need for emergency responders with adequate personal protective equipment for clean up, need for evacuation or restriction of access to spill area.

**Personal Precautions:** Provide adequate ventilation. Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

**Environmental Precautions:** Prevent spills from entering storm sewers/drains or contact with soil.

**Clean up Methods:** Small spills may be wiped up and rinsed with water. For larger spills, neutralize with sodium carbonate or absorb on inert material (e.g. sand). Pick up absorbent and dispose of at an appropriate waste disposal facility.

**7. Handling and Storage**

**Precautions for Safe Handling:** Do not use on any surface that can be damaged by acid materials. Do not breathe mist/vapors. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor.

**Conditions for Safe Storage:** Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed, original, corrosive resistant container in a cool (10° - 30°C), dry, well-ventilated area.

**Incompatibility:** Chlorine bleach, alkali.

**8. Exposure Controls / Personal Protection**

**Components with occupational exposure limits:**

Component	Reference	TWA	PEL
Phosphoric acid	ACGIH	1 mg/M <sup>3</sup>	
	OSHA		1 mg/M <sup>3</sup>

**Engineering Controls:** Proper ventilation in accordance with good industrial hygiene should be provided.

**Personal Protective Equipment**

**Respiratory:** Respiratory protection is not necessary under normal conditions of use. If necessary to prevent exposure above occupational limits, use an approved cartridge style respirator.

**Gloves:** Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.

**Eye Protection:** Chemical resistant goggles and face protection.

**Other:** Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

**9. Physical and Chemical Properties**

Physical State -	Liquid	Auto-ignition temperature -	Not applicable
Color -	None	Flash Point -	None
Odor -	None	Flammability -	Not applicable
Odor Threshold -	No data available	Flammability Limits -	Not applicable
Boiling Point -	212°F	Partition coefficient -	Not applicable
Decomposition temperature -	No data available	Solubility (Water) -	Complete
Freezing Point -	0°F	Vapor Density -	No data available
pH (Neat) -	< 1	Vapor Pressure -	No data available
pH (RTU) -	1 - 2	Viscosity -	Water thin
Relative Density -	1.18	% VOC -	0 (Excluding LVP material)
Evaporation Rate -	Similar to water		



**10. Stability and Reactivity**

**Reactivity:** No specific reactivity test data is available. Under normal conditions of storage and use, hazardous reactions are not expected.

**Incompatible materials:** Mixing with bleach may generate toxic gases (chlorine).

**Chemical stability:** This product is stable at ambient temperatures and pressures.

**Conditions to avoid:** Temperatures above 50°C or below 10°C.

**Hazardous decomposition products:** None known.

**11. Toxicological Information**

**Acute Toxicity:** Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

Test	Results	Classification (A.0.4.1(c))	Basis (A.1.3.6.1)
Oral	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Dermal	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Inhalation	> 20 mg/L	Not applicable	Ingredient literature (Additive formula)
Eye Damage/Irritation	Corrosion	Category I	Ingredient literature
Skin Damage/Irritation	Corrosion	Category IC	Ingredient literature

**Summary:** Skin and eye contact are most likely routes of exposure. Exposure causes skin burns and serious eye damage.

**Subchronic/Chronic Toxicity:**

Test	Results	Classification	Basis
Skin Sensitization	Not a sensitizer	Not applicable	Ingredient literature.

**Summary:** Repeated or prolonged contact causes skin burns and eye damage.

**Carcinogens -** Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA

**Other data -** No other toxicological information is available for this mixture.

**12. Ecological Information**

This material has not been tested for acute environmental effects.

**Persistence and degradability:** Material is not persistent. All organic components > 1% are readily biodegradable.

**Bio-accumulative potential:** No evidence to suggest bio-accumulation will occur.

**Mobility:** Accidental spillage may lead to penetration of soil and groundwater. However, due to degradability, no evidence suggests this would cause adverse ecological effects. Material will lower pH of affected area.

**13. Disposal Considerations**

RCRA Class - D002. Do not contaminate water, food or feed by disposal. If material cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

**14. Transport Information**

**Proper Shipping Name:** UN3264 Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid)

**RQ - 5000 Lbs. (Phosphoric Acid) Shipping emergency phone:** 800-424-9300

**Transport hazard class:** 8 **Hazard Label:** Corrosive (When shipped as a Limited Quantity, labeling is not required.)

**Packing Group:** III **Emergency Guide No.:** 154 **Marine Pollutant:** No

**15. Regulatory Information**

**Inventory status:** All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia), ENCS(Japan).

**OSHA Hazard Communication Standard:** This product meets the §1910.1200 definition of a "Hazardous Chemical".

**Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312**

**Immediate (Acute) Health Hazard** Yes **Delayed (Chronic) Health Hazard** No

**Fire Hazard** No **Reactive Hazard** No

**Sudden Release of Pressure Hazard** No

**Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313**

\*Chemicals marked with an asterisk in "3. Composition/Information on Ingredients" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.

**Pennsylvania/New Jersey/Massachusetts Right to Know**

See "3. Composition/Information on Ingredients" for hazardous and top five ingredients over 1%.

**California Proposition 65:** This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**16. Other information**

Date issued: 31. 12. 2014

F450-001 Revision: N/A

**Disclaimer:** No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. Prepared by: R&D, Canberra Corporation

**SAFETY DATA SHEET**

**Section 1 - Identification**

<b>Product Identifier</b>	BATHROOM PLUS Non-Acid Disinfectant Bathroom Cleaner
<b>Other means of identification</b>	1720
<b>Recommended use</b>	Non-Acid Disinfectant Bathroom Cleaner
<b>Recommended restrictions</b>	EPA Registered Product. For Commercial and Industrial Use Only. (RTU) Ready-To-Use solution.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
<b>Company Name</b>	National Chemical Laboratories of PA, Inc.
<b>Address</b>	401 N. 10th Street - Philadelphia, PA 19123
<b>Telephone</b>	1 (215) 922-1200
<b>Supplier Email</b>	info@nclonline.com
<b>Contact</b>	CHEM-TEL
<b>Emergency Phone</b>	1 (800) 255-3924

**Section 2 - Hazard(s) Identification**

	<b>Classification</b>	<b>Category</b>
<b>Physical Hazards</b>	Not Classified	
<b>Health Hazards</b>	Serious eye damage/eye irritation	2B
<b>OSHA defined hazards</b>	Not Classified.	
<b>Label Elements</b>		
<b>Hazard Symbol</b>	None.	
<b>Signal Word</b>	Warning	
<b>Hazard Statement</b>	Causes eye irritation.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Wear eye/face protection. Wash thoroughly after handling.	
<b>Response</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
<b>Storage</b>	Keep container tightly closed. Store away from incompatible materials.	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.	

**Section 3 - Composition/Information on ingredients**

<b>Mixture</b>			
<b>Hazardous Components</b>	<b>Ingredient Name</b>	<b>CAS #</b>	<b>%</b>
	Quaternary Ammonium Chloride compounds	mixture	<0.1
<b>Composition Comments</b>	Components not listed are either non-hazardous or are below reportable limits.		

**Section 4 - First-aid Measures**

<b>Inhalation</b>	Move to fresh air. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash skin with water. Get medical attention if irritation develops or persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if irritation develops and persists.
<b>Most Important symptoms /effects, acute and delayed</b>	Causes eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
<b>Indication of immediate medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General Information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

**Section 5 - Fire-fighting measures**

<b>Suitable extinguishing media</b>	RTU product will not support combustion. Water fog. Foam. Carbon dioxide (CO2).
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# SAFETY DATA SHEET

<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do so without risk.
<b>General fire hazards</b>	This product is not flammable or combustible.
<b>Specific Methods</b>	Use standard fire fighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Avoid breathing mist or vapor. Avoid contact with eyes, Avoid prolonged exposure to skin. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 - Exposure control/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	If use of product risks exposure to contact, wear safety glasses with side shields.
<b>Skin protection</b>	
<b>Hand protection</b>	Impervious gloves are recommended for prolonged use.
<b>Other</b>	If use of product risk exposure to contact, wear suitable protective clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## Section 9 - Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Form</b>	Clear, thin liquid.
<b>Color</b>	Blue
<b>Odor</b>	Floral
<b>Odor threshold</b>	Not available.
<b>pH</b>	10.0
<b>Melting point/freezing point</b>	Not relevant.
<b>Initial boiling point and boiling range</b>	212 °F (100 °C)
<b>Flash point</b>	None to boiling.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.

# SAFETY DATA SHEET

## Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.00 ± 0.01
Relative density temperature	75 °F (23.9 °C)
Solubilities (water)	Completely soluble.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	<10 cSt
Viscosity Temperature	75 °F (23.9 °C)

## Section 10 - Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Anionic surfactants.
Hazardous Decomposition Products	No hazardous decomposition products are known.

## Section 11 - Toxicological information

### Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	Prolonged inhalation may be harmful.
Skin contact	Prolonged skin contact may cause temporary irritation.
Eye contact	Causes eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Causes eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

### Information on toxicological effects.

Acute toxicity	Not expected to be hazardous.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation	Causes eye irritation.
Respiratory sensitization	This product is not expected to cause respiratory sensitization.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	Prolonged inhalation may be harmful.

## Section 12 - Ecological Information

Ecotoxicity	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	The product is water soluble and may spread in water systems.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine

# SAFETY DATA SHEET

disruption, global warming potential) are expected from this component.

## Section 13 - Disposal considerations

<b>Disposal instructions</b>	<p>PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.</p> <p>CONTAINER DISPOSAL - Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.</p> <p>(For containers 5 gallons or less):</p> <p>Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.</p>
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14 - Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code</b>	This substance/mixture is not intended to be transported in bulk.

## Section 15 - Regulatory Information

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.	
<b>TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)</b>		Not regulated.
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		Not listed.
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>		Not listed.
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>		
<b>Hazard Categories</b>	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
<b>SARA 302 Extremely hazardous substance</b>		Not listed.
<b>SARA 311/312 Hazardous chemical</b>		Yes
<b>SARA 313 (TRI reporting)</b>		Not regulated.
<b>Other federal regulations</b>		
<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List</b>		Not regulated.
<b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>		Not regulated.
<b>Safe Drinking Water Act (SDWA)</b>	Not regulated.	
<b>Food and Drug Administration (FDA)</b>	Not regulated.	
<b>US state regulations</b>		
<b>US.Massachusetts RTK - Substance List</b>		Not regulated.
<b>US.New Jersey Worker and Community Right-to-Know Act</b>		Not listed.
<b>US.Pennsylvania RTK - Hazardous Substances</b>		Not listed.
<b>US.Rhode Island RTK</b>		Not regulated.
<b>US - California Proposition 65</b>		California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes

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New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16 - Other information, including date of preparation or last version

Revision date 1/17/2018

Version # 02

Further information Some information may conflict with EPA mandated label information.

**Disclaimer** The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

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**SAFETY DATA SHEET**

**Section 1 - Identification**

Product Identifier CITRA BLAST Foaming All Purpose  
 Other means of identification 2001  
 Recommended use Foaming All Purpose Cleaner  
 Recommended restrictions For commercial and industrial use only.  
 Manufacturer / Importer / Supplier / Distributor Information  
 Company Name National Chemical Laboratories of PA, Inc.  
 Address 401 N. 10th Street - Philadelphia, PA 19123  
 Telephone 1 (215) 922-1200  
 Supplier Email info@nclonline.com  
 Contact CHEM-TEL  
 Emergency Phone 1 (800) 255-3924

**Section 2 - Hazard(s) Identification**

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

Physical Hazards	Classification	Category
	Not Classified	
	Gases Under Pressure, Compressed Gas	
Health Hazards	Acute toxicity, oral	4
	Not Classified	
	Sensitization, skin	1
	Skin corrosion/irritation	2
OSHA defined hazards	Not Classified.	

Label Elements

Hazard Symbol



Signal Word

Warning

Hazard Statement

Flammable aerosol. Contains gas under pressure; may explode if heated. Causes eye irritation. Causes skin irritation. May cause an allergic skin reaction. Harmful if swallowed.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing mist or vapor. Wear eye/face protection. Wash thoroughly after handling. Keep out of reach of children.

Response

IF SWALLOWED: Immediately call a POISON Center or doctor/physician. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 122°F/50°C. Store in a well-ventilated place.

Disposal

Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC)

None known.

**Section 3 - Composition/Information on Ingredients**

Mixture

Hazardous Components	Ingredient Name	CAS #	%
	Diethylene Glycol Monoethyl Ether	111-90-0	4 - 10
	Ethyl Alcohol	64-17-5	1 - 5
	Liquified Petroleum Gas	68476-86-8	1 - 5
	Terpenes and Terpenoids, sweet orange-oil	68647-72-3	1 - 5

**Section 4 - First-aid Measures**

Inhalation Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.  
 Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

# SAFETY DATA SHEET

<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without advice from poison control center.
<b>Most important symptoms / effects, acute and delayed</b>	Eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction.
<b>Indication of immediate medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General Information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Containers may explode when heated.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment / Instructions</b>	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Keep out of reach of children. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Level 1 Aerosol. Contents under pressure. Do not expose to heat or store at temperatures above 122°F/50°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 - Exposure control/personal protection

### Occupational exposure limits

#### US. Workplace environmental Exposure Level (WEEL) Guides

Component	Type	Value
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	TWA	140 mg/m <sup>3</sup> , 25 ppm

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m <sup>3</sup> , 1000 ppm
Liquified Petroleum Gas (CAS 68476-86-8)	TWA	1000 ppm

#### US. ACGIH Threshold Limit Values

Component	Type	Value
Liquified Petroleum Gas (CAS 68476-86-8)	TLV	1000 ppm
Ethyl Alcohol (CAS 64-17-5)	STEL	1000 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethyl Alcohol (CAS 64-17-5)	IDLH	3300 ppm
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m <sup>3</sup> , 1000 ppm

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
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## SAFETY DATA SHEET

<b>Exposure guidelines</b>	Use personal protective equipment as required. Keep working clothes separately.
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin protection</b>	
<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves.
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Section 9 - Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Gas/Liquid mixture.
<b>Form</b>	Aerosol. Liquefied gas. Opaque foamy liquid.
<b>Color</b>	Straw.
<b>Odor</b>	Citrus.
<b>Odor threshold</b>	Not available.
<b>pH</b>	10.8
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	-156.0 °F (-104.4 °C) Propellant estimated
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	1.9% estimated
<b>Explosive limit - upper (%)</b>	9.5% estimated
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	0.99 ± 0.01 (liquid)
<b>Relative density temperature</b>	75 °F (23.89 °C)
<b>Solubilities</b>	Soluble (liquid)
<b>Partition Coefficient n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not Available
<b>Decomposition temperature</b>	Not Available
<b>Viscosity</b>	
<b>Viscosity Temperature</b>	75 °F (23.89 °C)
<b>Other Information</b>	10.5 %
<b>VOC's</b>	
<b>Pressure</b>	40 - 52 psig @ 70F

### Section 10 - Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	No hazardous decomposition products are known.

### Section 11 - Toxicological information

Information on likely routes of exposure

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Ingestion	Expected to be a low ingestion hazard.
Inhalation	May cause respiratory tract irritation. This product may be aspirated onto the lungs and cause chemical pneumonitis.
Skin contact	Causes skin irritation. May cause sensitization by skin contact. Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Eye contact	Causes eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
<b>Information on toxicological effects.</b>	
Acute toxicity	May be harmful if swallowed.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation	Causes eye irritation.
Respiratory sensitization	This product is not expected to cause respiratory sensitization.
Skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not likely, due to the form of the product.
Chronic effects	Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

### Section 12 - Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential	No data available.	
Partition coefficient n-octanol / water log (Kow)		
Components	Results	
Ethyl Alcohol (CAS 64-17-5)	-0.31	
Mobility in soil	No data available.	
Mobility in general	No data available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

### Section 13 - Disposal considerations

Disposal instructions	Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

### Section 14 - Transport Information

<b>DOT</b>	
UN number	UN1950
Proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Packing group	Not Applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Labels required	None/Ninguno
Packaging exemption	306
Packaging non bulk	None/Ninguno
Packaging bulk	None/Ninguno
Comment	This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require

## SAFETY DATA SHEET

the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### IATA

UN number UN1950  
 UN proper shipping name Aerosols, flammable  
 Transport hazard class(es) 2.1  
 Packaging group Not Applicable.  
 Environmental hazards No.  
 Labels required 2.1  
 ERG Code 10L  
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
 Other Information  
     Passenger and Cargo aircraft Allowed.  
     Cargo aircraft only Allowed.  
 Packaging Exceptions LTD QTY

### IMDG

UN number UN1950  
 UN proper shipping name AEROSOLS  
 Transport hazard class(es) 2.1  
 Packaging group Not Applicable.  
 Environmental hazards No.  
     Marine pollutant  
 Labels required 2.1  
 Ems F-D, S-U  
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
 Packaging Exceptions LTD QTY  
 Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code Not applicable.

### Section 15 - Regulatory Information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>	Not regulated.	
Components	Result	Comment
Liquified Petroleum Gas (CAS 68476-86-8)	8-12%	
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not listed	
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>		
Components	Result	
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	LISTED	

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard Categories</b>	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	Yes
	Pressure Hazard	No
	Reactivity Hazard	No

**SARA 302 Extremely hazardous substance** Not regulated.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

Chemical name	CAS #	% by wt.
Diethylene Glycol Monoethyl Ether	111-90-0	4 - 10

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

    Components  
     Diethylene Glycol Monoethyl Ether (CAS 111-90-0)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** Diethylene glycol monoethyl ether (CAS 111-90-0)

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**US state regulations**

**US.Massachusetts RTK - Substance List** Components  
 Ethyl Alcohol (CAS 64-17-5)

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US, New Jersey Worker and Community Right-to-Know Act	Diethylene Glycol Monoethyl Ether (CAS 111-90-0) Components Ethyl Alcohol (CAS 64-17-5)
US, Pennsylvania RTK - Hazardous Substances	Diethylene Glycol Monoethyl Ether (CAS 111-90-0) Components Ethyl Alcohol (CAS 64-17-5)
US, Rhode Island RTK	Diethylene Glycol Monoethyl Ether (CAS 111-90-0) Components Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
US - California Proposition 65	WARNING: This product contains a chemical known to the State of California to cause cancer.
US - California Proposition 65 - Carcinogens Reproductive Toxicity (CRT): Listed	

### International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances	No
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### Section 16 - Other information, including date of preparation or last version

Issue date	4/17/2015
Version #	01
Disclaimer	The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.



World Class Cleaning Solutions®

# NATIONAL CHEMICAL LABORATORIES, INC.

## SAFETY DATA SHEET

### Section 1 - Identification

<b>Product Identifier</b>	ETERNITY Air Freshener & Malodor Destroyer Aerosol
<b>Other means of identification</b>	2012
<b>Recommended use</b>	Dry air freshener
<b>Recommended restrictions</b>	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
<b>Company Name</b>	National Chemical Laboratories of PA, Inc.
<b>Address</b>	401 N. 10th Street - Philadelphia, PA 19123
<b>Telephone</b>	1 (215) 922-1200
<b>Supplier Email</b>	info@nclonline.com
<b>Contact</b>	CHEM-TEL
<b>Emergency Phone</b>	1 (800) 255-3924

### Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category
<b>Physical Hazards</b>	Flammable Aerosols Gases Under Pressure, Compressed Gas	2
<b>Health Hazards</b>	Acute toxicity, inhalation Serious eye damage/eye irritation Skin corrosion/irritation	4 2B 2
<b>OSHA defined hazards</b>	Not Classified.	
<b>Label Elements</b>		
<b>Hazard Symbol</b>		
<b>Signal Word</b>	Warning	
<b>Hazard Statement</b>	Contains gas under pressure; may explode if heated. Flammable aerosol. Causes skin irritation. Causes eye irritation. Harmful if inhaled.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe dust/fume/gas/mist/vapors/spray.	
<b>Response</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Use only outdoors or in a well-ventilated area.	
<b>Storage</b>	Protect from sunlight. Do not expose to temperatures exceeding 122°F/50°C. Store in a well-ventilated place.	
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.	

### Section 3 - Composition/Information on ingredients

Mixture			
Hazardous Components	Ingredient Name	CAS #	%
	Liquified Petroleum Gas	68476-86-8	20 - 30
	1,2-Propanediol	57-55-6	2 - 6
	1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate	9007-48-1	0.1 - 1

### Section 4 - First-aid Measures

<b>Inhalation</b>	Move to fresh air and keep at rest. Call a physician if symptoms develop and persist. Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
<b>Skin contact</b>	Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash

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Eye contact	before reuse. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.
Most Important symptoms /effects, acute and delayed	Eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## Section 5 - Fire-fighting measures

Suitable extinguishing media	Powder, water spray, foam, carbon dioxide.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Contents under pressure. Containers may explode when heated.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment /Instructions	Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
Specific Methods	Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination. Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

Precautions for safe handling	HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.
Conditions for safe storage, including any incompatibilities	Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

## Section 8 - Exposure control/personal protection

Occupational exposure limits	
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	
Components	Type      Value
Liquified Petroleum Gas (CAS 68476-86-8)	PEL      1000 ppm
US. ACGIH Threshold Limit Values	
Component	Type      Value
Liquified Petroleum Gas (CAS 68476-86-8)	TLV      1000 ppm
Biological limit values	No biological exposure limits noted for the ingredient(s).
Exposure guidelines	Use personal protective equipment as required. Keep working clothes separately.
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Individual protection measures, such as personal protective equipment	
Eye/face protection	If contact is likely, safety glasses with side shields are recommended.
Skin protection	
Hand protection	For prolonged or repeated skin contact use suitable protective gloves.
Other	Wear suitable protective clothing.



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Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 - Physical and chemical properties

Appearance	White opaque liquid.
Physical state	Liquid.
Form	Liquid.
Color	White.
Odor	Floral (Moda™).
Odor threshold	Not available.
pH	7.8 - 8.6
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 100
Flash point	>200 F (Concentrate only) (TCC)
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	N/A
Vapor density	
Relative density	0.99 (Concentrate Only)
Relative density temperature	75 °F (23.89 °C)
Solubilities	Soluable.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	
Viscosity Temperature	75 °F (23.89 °C)
Other Information	24.81%
VOC's	
Pressure	76 - 88 psig @ 70°F

## Section 10 - Stability and reactivity

Reactivity	Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products. Product is stable under normal conditions.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Heat, sparks, open flames and temperatures above 120°F.
Incompatible materials	Peroxides; Strong Oxidizing Agents.
Hazardous Decomposition Products	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

## Section 11 - Toxicological information

Information on likely routes of exposure	
Ingestion	Not a normal route of exposure. Harmful: may cause lung damage if swallowed.
Inhalation	May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.
Skin contact	May cause skin irritation. Handling can cause dry skin.
Eye contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Information on toxicological effects.	
Acute toxicity	May cause respiratory tract irritation. This product may be aspirated onto the lungs and cause chemical pneumonitis.
Skin corrosion/irritation	May cause skin irritation. Handling can cause dry skin.
Serious eye damage/ eye irritation	Causes eye irritation.

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Germ cell mutagenicity Not Hazardous by WHMIS/OSHA criteria.  
Carcinogenicity Not Hazardous by WHMIS/OSHA criteria.  
Chronic effects Not Hazardous by WHMIS/OSHA criteria.

## Section 12 - Ecological Information

Ecotoxicity May cause long-term adverse effects in the aquatic environment  
Persistence and degradability No data is available on the degradability of this product.  
Bioaccumulative potential No data available.  
Mobility in soil No data available.  
Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13 - Disposal considerations

Disposal instructions Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.  
Local disposal regulations Dispose in accordance with all applicable regulations.  
Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.  
Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

## Section 14 - Transport information

### DOT

UN number UN1950  
Proper shipping name Aerosols, flammable  
Transport hazard class(es) 2.1  
Packing group Not Applicable.  
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
Labels required None/Ninguno  
Packaging exemption 306  
Packaging non bulk None/Ninguno  
Packaging bulk None/Ninguno  
Comment This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### IATA

UN number UN1950  
UN proper shipping name Aerosols, flammable  
Transport hazard class(es) 2.1  
Packaging group Not Applicable.  
Environmental hazards No.  
Labels required 2.1  
ERG Code 10L  
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
Other information  
    Passenger and Cargo aircraft Allowed.  
    Cargo aircraft only Allowed.  
Packaging Exceptions LTD QTY

### IMDG

UN number UN1950  
UN proper shipping name AEROSOLS  
Transport hazard class(es) 2.1  
Packaging group Not Applicable.  
Environmental hazards No.  
    Marine pollutant  
Labels required 2.1  
EmS F-D, S-U

# SAFETY DATA SHEET

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
Packaging Exceptions LTD QTY  
Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code Not applicable.

## Section 15 - Regulatory Information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)**

Components	Result	Comment
1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CAS 9007-48-1)	0.1-1%	
1,2-Propanediol (CAS 57-55-6)	2-6%	
Liquified Petroleum Gas (CAS 68476-86-8)	8-12%	

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)** Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

Hazard Categories	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	Yes
	Pressure Hazard	Yes
	Reactivity Hazard	No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)** Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List** Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**US state regulations**

**US.Massachusetts RTK - Substance List** Not regulated.

**US.New Jersey Worker and Community Right-to-Know Act** Not listed.

**US.Pennsylvania RTK - Hazardous Substances** Not listed.

**US.Rhode Island RTK** Not regulated.

**US - California Propstion 65** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US - California Propstion 65 -**

**Carcinogens Reproductive Toxicity (CRT): Listed**

**International Inventories**

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCs)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Phillippines	Phillippine Inventory of Chemicals and Chemical Substances	No
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16 - Other information, including date of preparation or last version

Issue date 3/19/2015  
Version # 01

## **SAFETY DATA SHEET**

### **Disclaimer**

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.



# Safety Data Sheet

Issue Date: 30-Oct-2013

Revision Date: 06-Apr-2015

Version 2

## 1. IDENTIFICATION

### Product Identifier

Product Name Floor Mat

### Other means of identification

SDS # IP-039

Product Code 1525 Urinal Mat  
1525-5 Urinal Mat  
1550 Commode Mat  
1550-5 Commode Mat

### Recommended use of the chemical and restrictions on use

Recommended Use Odor control.

### Details of the supplier of the safety data sheet

Manufacturer Address  
Impact Products, LLC  
2840 Centennial Road  
Toledo, Ohio 43617-1898

### Emergency Telephone Number

Company Phone Number Phone: 800.333.1541  
Fax: 800.333.1531  
Email: custserv@impact-products.com

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

Appearance According to product specification Physical State Solid Odor Pleasant

### Classification

This product is a plastic device infused with fragrance which meets the definition of an ARTICLE as defined in 29 CFR 1910.1200. However, this Safety Data Sheet (SDS) contains valuable information useful to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is an article as defined by 29 CFR 1910.1200 and not subject to the Hazard Communication requirements.

## 4. FIRST-AID MEASURES

### First Aid Measures

**Eye Contact** Not a likely route of exposure based on form of product. If accidental exposure occurs, rinse with water. Contact a physician if irritation persists.

**Skin Contact** Not a likely route of exposure based on form of product. If accidental exposure occurs, rinse with water. Contact a physician if irritation persists.

<b>Inhalation</b>	Not a likely route of exposure based on form of product. If fragrance is bothersome, move to fresh air.
<b>Ingestion</b>	Not a likely route of exposure based on form of product. If accidental exposure occurs, rinse mouth with water. Contact a physician if discomfort persists.

**Most important symptoms and effects**

<b>Symptoms</b>	None expected.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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<b>5. FIRE-FIGHTING MEASURES</b>
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**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b>6. ACCIDENTAL RELEASE MEASURES</b>
---------------------------------------

**Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Use personal protection recommended in Section 8.
<b>Environmental Precautions</b>	See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Not applicable- product is a finished good.
<b>Methods for Clean-Up</b>	For waste disposal, see section 13 of the SDS.

<b>7. HANDLING AND STORAGE</b>
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**Precautions for safe handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	To insure maximum shelf life, store at a normal room temperature.
<b>Incompatible Materials</b>	None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** This product is an article as defined by 29 CFR 1910.1200 and not subject to the Hazard Communication requirements

**Other Information** Personal Protective Equipment recommendations are for the unlikely event of an incident involving the product. They do not apply to normal product use.

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Avoid contact with eyes.

**Skin and Body Protection** Wear suitable protective clothing.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Solid	<b>Odor</b>	Pleasant
<b>Appearance</b>	According to product specification	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Gray		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	Not Applicable due to form of the product		
<b>Melting Point/Freezing Point</b>	Not Applicable due to form of the product		
<b>Boiling Point/Boiling Range</b>	Not Applicable due to form of the product		
<b>Flash Point</b>	Not Applicable due to form of the product		
<b>Evaporation Rate</b>	Not Applicable due to form of the product		
<b>Flammability (Solid, Gas)</b>	Not Applicable due to form of the product		
<b>Upper Flammability Limits</b>	Not Applicable due to form of the product		
<b>Lower Flammability Limit</b>	Not Applicable due to form of the product		
<b>Vapor Pressure</b>	Not Applicable due to form of the product		
<b>Vapor Density</b>	Not Applicable due to form of the product		
<b>Specific Gravity</b>	Not Applicable due to form of the product		
<b>Water Solubility</b>	Not applicable due to form of the product		
<b>Solubility in other solvents</b>	Not Applicable due to form of the product		
<b>Partition Coefficient</b>	Not Applicable due to form of the product		

<b>Auto-ignition Temperature</b>	Not Applicable due to form of the product
<b>Decomposition Temperature</b>	Not Applicable due to form of the product
<b>Kinematic Viscosity</b>	Not Applicable due to form of the product
<b>Dynamic Viscosity</b>	Not Applicable due to form of the product
<b>Explosive Properties</b>	Not Applicable due to form of the product
<b>Oxidizing Properties</b>	Not Applicable due to form of the product

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

None known.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                      No known effect.

**Skin Contact**                      No known effect.

**Inhalation**                          No known effect.

**Ingestion**                          No known effect.

### Information on physical, chemical and toxicological effects

**Symptoms**                          None expected.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**                      Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical measures of toxicity

Not determined



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

This product is an article as defined by 29 CFR 1910.1200 and not subject to the Hazard Communication requirements

### US Federal Regulations

This product is an article as defined by 29 CFR 1910.1200 and not subject to the Hazard Communication requirements

### US State Regulations

This product is an article as defined by 29 CFR 1910.1200 and not subject to the Hazard Communication requirements

<b>16. OTHER INFORMATION</b>
------------------------------

<u><b>NFPA</b></u>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<u><b>HMS</b></u>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Physical Hazards</b> Not determined	<b>Personal Protection</b> Not determined

**Issue Date:** 30-Oct-2013  
**Revision Date:** 06-Apr-2015  
**Revision Note:** Additional information

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



## MULTI

Version Number: 6

Preparation date: 2015-01-19

## 1. IDENTIFICATION

**Product name:** MULTI  
**Product Code:** 904390  
**SDS #:** MS0800540  
**Recommended use:** • Furniture care  
**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**  
 US Headquarters  
 Diversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-1964  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.diversey.com

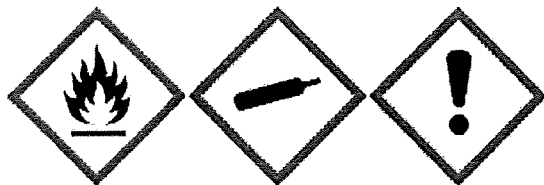
Canadian Headquarters  
 Diversey, Inc. - Canada  
 3755 Laird Road  
 Mississauga, Ontario L5L 0B3  
 Phone: 1-800-668-3131

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

## 2. HAZARDS IDENTIFICATION

**Classification for the undiluted product**

Serious eye damage/eye irritation Category 2A  
 Skin sensitization Category 1  
 Flammability Extremely flammable aerosol, Category 1



**Signal Word:** Danger

**Precautionary Statements**

**EXTREMELY FLAMMABLE AEROSOL. HEATING MAY CAUSE AN EXPLOSION. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION.**

Avoid contact with eyes, skin and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Keep container tightly closed. Do not incinerate. Do not pierce or burn, even after use. Avoid breathing spray. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Contaminated work clothing must not be allowed out of the workplace. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Wash contaminated clothing before reuse. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C (122 °F) which may cause bursting. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

MULTI

1 of 5

**Classification for the diluted product @ RTU**

This product is intended to be used neat.

**Precautionary Statements**

None required.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Classified Ingredients**

Ingredient(s)	CAS #	Weight %
Aliphatic hydrocarbons	64742-47-8	10 - 20%
Butane	106-97-8	5 - 10%
White mineral oil	8042-47-5	3% - < 5%
Propane	74-98-6	3% - < 5%
Alcohol ethoxylates	34398-01-1	1% - < 3%
1-Aza-5-ethyl-3,7-dioxabicyclo(3.3.0)octane	7747-35-5	> 0.1% - < 1%

\*Exact percentages are being withheld as trade secret information

**4. FIRST AID MEASURES**

**Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

**Diluted Product:**

This product is intended to be used neat.

**Eyes:** See undiluted product information above.

**Skin:** See undiluted product information above.

**Inhalation:** See undiluted product information above.

**Ingestion:** See undiluted product information above.

**5. FIRE-FIGHTING MEASURES**

**Specific methods:** Aerosol Product - Containers may rocket or explode in heat of fire Use water spray to keep fire-exposed containers cool

**Suitable extinguishing media:** Use dry chemical, CO2, water spray or "alcohol" foam.

**Specific hazards:** NFPA 30B Level 1 Aerosol. Aerosol product - Containers may rocket or explode in heat of fire.

**Special protective equipment for firefighters:** As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**Extinguishing media which must not be used for safety reasons:** No information available.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Remove all sources of ignition. Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:** Contents under pressure. Do not puncture or incinerate cans. Clean-up methods - large spillage. Eliminate all ignition sources. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**7. HANDLING AND STORAGE**

**Handling:** CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. Handle in accordance with good industrial hygiene and safety practice. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C or 120 degrees F. Exposure to heat may cause bursting. Do not pierce or burn, even after use. Store in a cool, dry, well ventilated area away from heat or open flame. NFPA 30B Level 1 Aerosol.

**Aerosol Level (if applicable) :** Level 1

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines:**

Ingredient(s)	CAS #	ACGIH	OSHA
Aliphatic hydrocarbons	64742-47-8	-	1200 mg/m <sup>3</sup>
Butane	106-97-8	1000 ppm (STEL)	-
White mineral oil	8042-47-5	-	-
Propane	74-98-6	1000 ppm (TWA)	1000 ppm (TWA) 1800 mg/m <sup>3</sup> (TWA)
Alcohol ethoxylates	34398-01-1	-	-
1-Aza-5-ethyl-3,7-dioxabicyclo(3.3.0)octane	7747-35-5	-	-

**Undiluted Product:**

**Engineering measures to reduce exposure:**

No special ventilation requirements General room ventilation is adequate

**Personal Protective Equipment**

**Eye protection:** Chemical-splash goggles.  
**Hand protection:** Chemical-resistant gloves.  
**Skin and body protection:** Wear suitable protective clothing.  
**Respiratory protection:** No special requirements under normal use conditions.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

**Diluted Product:**

This product is intended to be used neat.

**Personal Protective Equipment**

**Eye protection:** No personal protective equipment required under normal use conditions.  
**Hand protection:** No personal protective equipment required under normal use conditions.  
**Skin and body protection:** No personal protective equipment required under normal use conditions.  
**Respiratory protection:** No personal protective equipment required under normal use conditions.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Physical State:</b> Aerosol	<b>Color:</b> Cloudy White
<b>Evaporation Rate:</b> No information available	<b>Odor:</b> Lemon Fruity
<b>Odor threshold:</b> No information available.	<b>Boiling point/range:</b> Not determined
<b>Melting point/range:</b> Not determined	<b>Decomposition temperature:</b> Not determined
<b>Autoignition temperature:</b> No information available	<b>Solubility:</b> Partially Soluble
<b>Solubility in other solvents:</b> No information available	<b>Relative Density (relative to water):</b> 0.9502
<b>Density:</b> 7.92 lbs/gal 0.9502 Kg/L	<b>Vapor density:</b> No information available
<b>Bulk density:</b> No information available	<b>Vapor pressure:</b> No information available.
<b>Flash point:</b> -156 °F -104.4 °C	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Dilution Flash Point:</b> -156 °F -104.4 °C	<b>Viscosity:</b> No information available
<b>Elemental Phosphorus:</b> 0.00 % by wt.	<b>VOC:</b> 26.05 % *
<b>pH:</b> 7.97	<b>VOC % by wt. at use dilution:</b> 26.05 % *
<b>Dilution pH:</b> 7.97 @ RTU	<b>Flammability (Solid or Gas):</b> Not applicable
<b>Metal Corrosion:</b> Not determined	
<b>Explosion limits:</b> - upper: Not determined - lower: Not determined	

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

**10. STABILITY AND REACTIVITY**

**Reactivity:** Not Applicable  
**Stability:** The product is stable

MULTI

**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** Do not mix with any other product or chemical unless specified in the use directions.  
**Conditions to avoid:** Extremes of temperature and direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May be irritating to nose, throat, and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** May cause an allergic skin reaction. Symptoms may include rash, hives, itching, bumps, redness, swelling, and/or discomfort.

### Numerical measures of toxicity

**ATE - Oral (mg/kg):** >5000  
**ATE - Dermal (mg/kg):** >2000  
**ATE - Inhalatory, mists (mg/l):** >20 mg/L  
**ATE - Inhalatory, vapors (mg/l):** >50 mg/L

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Use up contents if possible before disposal. If possible, recycle empty aerosol cans to the nearest steel recycling center. This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Contaminated Packaging:** Pressurized container: Do not pierce or burn, even after use.

**RCRA Hazard Class (undiluted product):** D001 Ignitable Waste

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversy HazMat Library, only available through Internet Explorer, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** LTD. QTY.

**IMDG (Ocean) Bill of Lading Description:** UN1950, AEROSOLS, 2.1, LTD. QTY.

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

### U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

**RIGHT TO KNOW (RTK)**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Aliphatic hydrocarbons	64742-47-8	-	-	-	-
Butane	106-97-8	X	X	X	-
White mineral oil	8042-47-5	X	X	-	-
Propane	74-98-6	X	X	X	-
Alcohol ethoxylates	34398-01-1	-	-	-	-
1-Aza-5-ethyl-3,7-dioxabicyclo(3.3.0)octane	7747-35-5	-	-	-	-

**CERCLA/ SARA**

**SARA 311/312 Hazard Categories**

Immediate: x  
 Delayed: -  
 Fire: x  
 Reactivity: -  
 Sudden Release of Pressure: x

**Canadian Regulations**

Ingredient(s)	CAS #	NPRI
Aliphatic hydrocarbons	64742-47-8	X
Propane	74-98-6	X

**16. OTHER INFORMATION**

**NFPA (National Fire Protection Association)**

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2  
 Flammability 4  
 Instability 0

Version Number: 6  
 Preparation date: 2015-01-19

Reason for revision: Not applicable  
 Prepared by: NAPRAC  
 Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*

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**SAFETY DATA SHEET**

**Section 1 - Identification**

Product Identifier PROLEX LTD-220 Heavy Duty Multi-Temp Machine Detergent  
 Other means of identification 1121  
 Recommended use Alkaline cleaner.  
 Recommended restrictions For commercial and industrial use only.  
 Manufacturer / Importer / Supplier / Distributor Information  
 Company Name National Chemical Laboratories of PA, Inc.  
 Address 401 N. 10th Street - Philadelphia, PA 19123  
 Telephone 1 (215) 922-1200  
 Supplier Email info@nclonline.com  
 Contact CHEM-TEL  
 Emergency Phone 1 (800) 255-3924

**Section 2 - Hazard(s) Identification**

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category	Target Organ
Physical Hazards	Not Classified		
Health Hazards	Serious eye damage/eye irritation	1	
	Skin corrosion/irritation	1	
OSHA defined hazards	Not Classified.		
Label Elements			
Hazard Symbol			
Signal Word	Danger		
Hazard Statement	Causes severe skin burns and eye damage.		
Precautionary statement			
Prevention	Do not breathe spray or mist. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.		
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.		
Storage	Store locked up.		
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.		
Hazard(s) not otherwise classified (HNOC)	None known.		

**Section 3 - Composition/Information on Ingredients**

Mixture	Ingredient Name	CAS #	%
Hazardous Components	Sodium Hydroxide	1310-73-2	5 - 10
	Disodium metasilicate	6834-92-0	1 - 5

**Section 4 - First-aid Measures**

**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin contact** Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

**Ingestion** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

## SAFETY DATA SHEET

<b>Most important symptoms /effects, acute and delayed</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
<b>Indication of immediate medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed
<b>General Information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	Powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do it without risk.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

### Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

### Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Do not breathe spray or mist. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

### Section 8 - Exposure control/personal protection

<b>Occupational exposure limits</b>			
<b>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</b>			
Components	Type	Value	Form
Sodium Hydroxide (CAS 1310-73-2)	PEL	2 mg/m <sup>3</sup>	
<b>US. ACGIH Threshold Limit Values</b>			
Component	Type	Value	Form
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>	
<b>US. NIOSH: Pocket Guide to Chemical Hazards</b>			
Components	Type	Value	Form
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>	
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).		
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.		
<b>Individual protection measures, such as personal protective equipment</b>			
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles) and a face shield.		
<b>Skin protection</b>			
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.		
<b>Other</b>	Wear appropriate chemical resistant clothing.		
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.		
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.		

# SAFETY DATA SHEET

## General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 - Physical and chemical properties

### Appearance

Physical state	Liquid.
Form	Clear, thin liquid.
Color	Red.
Odor	Odorless.
Odor threshold	Not available.
pH (Concentrate)	13.7
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	None to boiling.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.28 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Completely Soluble
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 10 cSt
Viscosity Temperature	75 °F (23.89 °C)

## Section 10 - Stability and reactivity

Reactivity	Reacts violently with strong acids. This product may react with oxidizing agents.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Do not mix with other chemicals. Contact with incompatible materials.
Incompatible materials	Strong Acids, Acids, Oxidizing Agents.
Hazardous Decomposition Products	No hazardous decomposition products are known.

## Section 11 - Toxicological information

### Information on likely routes of exposure

Ingestion	Causes digestive tract burns.
Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics  
Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### Information on toxicological effects.

Acute toxicity Not expected to be acutely toxic.

Components	Level	Type	Code	Species	Results
Sodium Hydroxide (CAS 1310-73-2)	Acute	Oral	LD50	Rabbit	500 mg/kg
Disodium metasilicate (CAS 6834-92-0)	Acute	Oral	LD50	Mouse	661.5 - 896.3 m
	Acute	Inhalation	LC50	Rat	> 2.06 mg/l, 4 h
	Acute	Dermal	LD50	Rat	>5000 mg/kg, 2
	Acute	Oral	LD50	Rat	994.7 - 1335.9

Skin corrosion/irritation Causes severe skin burns and eye damage.

## SAFETY DATA SHEET

Serious eye damage/ eye irritation	Causes serious eye damage.
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful.

### Section 12 - Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### Section 13 - Disposal considerations

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### Section 14 - Transport information

#### DOT

UN number	UN3266
Proper shipping name	Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide, Disodium metasilicate)
Transport hazard class(es)	8
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B2, IB2, T11, TP2, TP27
Packaging exemption	154
Packaging non bulk	202
Packaging bulk	242

#### IATA

UN number	UN3266
UN proper shipping name	Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide, Disodium metasilicate)
Transport hazard class(es)	8
Packaging group	II
Environmental hazards	No
ERG Code	8L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other Information	

#### IMDG

UN number	UN3266
UN proper shipping name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide, Disodium metasilicate)
Transport hazard class(es)	8
Packaging group	II
Environmental hazards	No
Marine pollutant	
EmS	F-A, S-8

# SAFETY DATA SHEET

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code** This substance/mixture is not intended to be transported in bulk.

## Section 15 - Regulatory Information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)	Not regulated.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)	
Components	Result
Sodium Hydroxide (CAS 1310-73-2)	LISTED

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

Hazard Categories	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No

SARA 302 Extremely hazardous substance	Not listed.
SARA 311/312 Hazardous chemical	Yes
SARA 313 (TRI reporting)	Not regulated.

**Other federal regulations**

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List	Not listed.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.

Safe Drinking Water Act (SDWA)	Not regulated.
Food and Drug Administration (FDA)	Not regulated.

**US state regulations** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US.Massachusetts RTK - Substance List	Components Sodium Hydroxide (CAS 1310-73-2)
US.New Jersey Worker and Community Right-to-Know Act	Components Sodium Hydroxide (CAS 1310-73-2)
US.Pennsylvania RTK - Hazardous Substances	Components Sodium Hydroxide (CAS 1310-73-2)
US.Rhode Island RTK	Components Sodium Hydroxide (CAS 1310-73-2)
US - California Proposition 65 - Carcinogens Reproductive Toxicity (CRT): Listed substance	Not listed.

**International Inventories**

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16 - Other information, including date of preparation or last version

Issue date	3/18/2015
Version #	01

## **SAFETY DATA SHEET**

### **Disclaimer**

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.



**SAFETY DATA SHEET**

**Section 1 - Identification**

Product Identifier PROLEX HTR-260 Concentrated High-Temp Rinse Additive  
 Other means of identification 1123  
 Recommended use Detergent.  
 Recommended restrictions For commercial and industrial use only. This product is intended to be diluted prior to use.  
 Manufacturer / Importer / Supplier / Distributor Information  
 Company Name National Chemical Laboratories of PA, Inc.  
 Address 401 N. 10th Street - Philadelphia, PA 19123  
 Telephone 1 (215) 922-1200  
 Supplier Email info@nclonline.com  
 Contact CHEM-TEL  
 Emergency Phone 1 (800) 255-3924

**Section 2 - Hazard(s) Identification**

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Serious eye damage/eye irritation	2A
	Skin corrosion/irritation	2
OSHA defined hazards	Not Classified.	

Label Elements

Hazard Symbol



Signal Word

Warning

Hazard Statement

Causes skin irritation. Causes serious eye irritation.

Precautionary statement

Prevention

Wash thoroughly after handling. Wear protective gloves. Wear eye/face protection.

Response

If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage

Store away from incompatible materials.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

**Section 3 - Composition/Information on ingredients**

Mixture

Hazardous Components	Ingredient Name	CAS #	%
	2-Propanol	67-63-0	1-5
	Alcohols, C10-C12, ethoxylated, propoxylated	68154-97-2	1-5
	Alcohols, C12-15, ethoxylated propoxylated	68551-13-3	1-5

Composition Comments Components not listed are either non-hazardous or are below reportable limits.

**Section 4 - First-aid Measures**

**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if irritation develops and persists.

**Skin contact** Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion** Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately. Get medical attention if irritation develops and persists.

## SAFETY DATA SHEET

<b>Most important symptoms /effects, acute and delayed</b>	Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and irritation.
<b>Indication of immediate medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General Information</b>	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	in case of fire and/or explosion do not breathe fumes.
<b>General fire hazards</b>	Flammable liquid and vapor.
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

### Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. SMALL SPILLS Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. LARGE SPILLS: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Following product recovery, flush area with water. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

### Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

### Section 8 - Exposure control/personal protection

#### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-Propanol (CAS 67-63-0)	TWA	980 mg/m <sup>3</sup> , 400ppm

#### US. ACGIH Threshold Limit Values

Component	Type	Value
2-Propanol (CAS 67-63-0)	STEL	400 ppm
2-Propanol (CAS 67-63-0)	TWA	200 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
2-Propanol (CAS 67-63-0)	IDLH	2000 ppm
2-Propanol (CAS 67-63-0)	STEL	1225 mg/m <sup>3</sup> , 500 ppm
2-Propanol (CAS 67-63-0)	TWA	980 mg/m <sup>3</sup> , 400 ppm

#### US. ACGIH. BEIs. Biological Exposure Indices

Components	Value	Determinate	Specimen	Sampling Time
2-Propanol (CAS 67-63-0)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
2-Propanol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*



## SAFETY DATA SHEET

\* - For sampling details, please see the source document.

<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Section 9 - Physical and chemical properties

<b>Appearance</b>	Clear, thin liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Aqua blue.
<b>Odor</b>	Mild Alcohol.
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.8
<b>Melting point/freezing point</b>	Not relevant.
<b>Initial boiling point and boiling range</b>	177 - 212 °F (80.56 - 100 °C)
<b>Flash point</b>	152 °F (66.7 °C) Closed Cup (low alcohol content aqueous solution; does not sustain combustion)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	1.01 ± 0.01
<b>Relative density temperature</b>	75 °F (23.89 °C)
<b>Solubilities</b>	Completely soluble.
<b>Partition Coefficient n-octanol/water</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	< 10 cSt
<b>Viscosity Temperature</b>	75 °F (23.89 °C)

### Section 10 - Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	No hazardous decomposition products are known.

### Section 11 - Toxicological information

<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.

## SAFETY DATA SHEET

<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Direct contact with eyes may cause temporary irritation.
<b>Information on toxicological effects.</b>	
<b>Acute toxicity</b>	Not expected to be acutely toxic.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/ eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory sensitization</b>	This product is not expected to cause respiratory sensitization.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not available.
<b>Chronic effects</b>	Not expected to be hazardous.

### Section 12 - Ecological Information

<b>Ecotoxicity</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
<b>Persistence and degradability</b>	No data is available on the degradability of this product.	
<b>Partition coefficient n-octanol / water log (Kow)</b>		
<b>Components</b>		Results
2-Propanol (CAS 67-63-0)		0.05
<b>Mobility in soil</b>	No data available.	
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

### Section 13 - Disposal considerations

<b>Disposal Instructions</b>	Dispose in accordance with applicable federal, state, and local regulations.
<b>Local disposal regulations</b>	Dispose of in accordance with local regulations.
<b>Hazardous waste code</b>	Waste codes should be assigned by the user based on the application for which the product was used.
<b>Waste from residues / unused products</b>	Dispose in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### Section 14 - Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code</b>	This substance/mixture is not intended to be transported in bulk.

### Section 15 - Regulatory Information

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.	
<b>TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)</b>	Not regulated.	
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not on regulatory list.	
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>	Not listed.	
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>		
<b>Hazard Categories</b>	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
<b>SARA 302 Extremely hazardous substance</b>	Not listed.	
<b>SARA 311/312 Hazardous chemical</b>	Yes	
<b>SARA 313 (TRI reporting)</b>	Not regulated.	

# SAFETY DATA SHEET

**Other federal regulations**

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
Drug Enforcement Administration (DEA), List 1 2	Not regulated.
Exempt Chemical Mixtures (21 CFR 1310.12(c))	
DEA Exempt Chemical Mixtures Code Number	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.
Food and Drug Administration (FDA)	Not regulated.

**US state regulations**

US.Massachusetts RTK - Substance List	Components 2-Propanol (CAS 67-63-0)
US.New Jersey Worker and Community Right-to-Know Act	Components 2-Propanol (CAS 67-63-0)
US.Pennsylvania RTK - Hazardous Substances	Components 2-Propanol (CAS 67-63-0)
US.Rhode Island RTK	Not regulated.
US - California Proposition 65	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances In China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**Section 16 - Other information, including date of preparation or last version**

Issue date            3/24/2015  
Version #              01  
Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

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## Stride Citrus SC 3 Neutral Cleaner

Version Number: 6

Preparation date: 2015-09-14

### 1. IDENTIFICATION

**Product name:** Stride Citrus SC 3 Neutral Cleaner  
**Product Code:** 903909, 93063390, 100828356, 100877907, 100877908  
**SDS #:** MS0800204  
**Recommended use:**

- Neutral cleaner
- This product is intended to be diluted prior to use

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**  
 US Headquarters  
 Sealed Air  
 8215 Forest Point Blvd.  
 Charlotte, NC 28273-5509  
 Phone: 1-888-352-2249  
 SDS Internet Address: <https://sds.sealedair.com>

Canadian Headquarters  
 Sealed Air - Canada  
 3755 Laird Road  
 Mississauga, Ontario L5L 0B3  
 Phone: 1-800-668-7171

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Serious eye damage/eye irritation Category 2A



**Signal Word:**

Warning.

#### Precautionary Statements

##### **CAUSES SERIOUS EYE IRRITATION.**

Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

#### Classification for the diluted product @ 1:128

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

**Precautionary Statements**

None required.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Classified Ingredients**

Ingredient(s)	CAS #	Weight %
Alcohol ethoxylates	68439-46-3	5 - 10%

\*Exact percentages are being withheld as trade secret information

**4. FIRST AID MEASURES**

**Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed:** Not applicable.

**Aggravated Medical Conditions:** None known.

**Diluted Product:**

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** Rinse mouth with water.

**5. FIRE-FIGHTING MEASURES**

**Specific methods:**

No special methods required

**Suitable extinguishing media:**

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:**

Not applicable.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**

Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions**

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**and clean-up methods:**

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

**Aerosol Level (if applicable):** Not applicable

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines:**

Ingredient(s)	CAS #	ACGIH	OSHA
Alcohol ethoxylates	68439-46-3	-	-

**Undiluted Product:**

**Engineering measures to reduce exposure:**

No special ventilation requirements General room ventilation is adequate

**Personal Protective Equipment**

<b>Eye protection:</b>	Chemical-splash goggles.
<b>Hand protection:</b>	Chemical-resistant gloves.
<b>Skin and body protection:</b>	No special requirements under normal use conditions.
<b>Respiratory protection:</b>	No special requirements under normal use conditions.
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice.

**Diluted Product:**

**Personal Protective Equipment**

<b>Eye protection:</b>	No personal protective equipment required under normal use conditions.
<b>Hand protection:</b>	No personal protective equipment required under normal use conditions.
<b>Skin and body protection:</b>	No personal protective equipment required under normal use conditions.
<b>Respiratory protection:</b>	No personal protective equipment required under normal use conditions.
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b> Liquid	<b>Color:</b> Clear, Orange
<b>Evaporation Rate:</b> No information available	<b>Odor:</b> Citrus
<b>Odor threshold:</b> No information available.	<b>Boiling point/range:</b> Not determined
<b>Melting point/range:</b> Not determined	<b>Decomposition temperature:</b> Not determined
<b>Autoignition temperature:</b> No information available	<b>Solubility:</b> Completely Soluble
<b>Solubility in other solvents:</b> No information available	<b>Relative Density (relative to water):</b> 1.002
<b>Density:</b> 8.36 lbs/gal 1.002 Kg/L	<b>Vapor density:</b> No information available
<b>Bulk density:</b> No information available	<b>Vapor pressure:</b> No information available.
<b>Flash point:</b> > 200 °F > 93.3 °C	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Dilution Flash Point:</b> 200 °F 93.3 °C	<b>Viscosity:</b> No information available
<b>Elemental Phosphorus:</b> 0.00 % by wt.	<b>VOC:</b> 0.40 % *
<b>pH:</b> 7.0	<b>VOC % by wt. at use dilution</b> 0 % *
<b>Dilution pH:</b> 7.3 @ 1:128	<b>Flammability (Solid or Gas):</b> Not applicable
<b>Metal Corrosion:</b> Not determined	
<b>Explosion limits:</b> - upper: Not determined - lower: Not determined	

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Not Applicable
<b>Stability:</b>	The product is stable
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.
<b>Materials to avoid:</b>	Oxidizing agents.
<b>Conditions to avoid:</b>	No information available.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:**

Eye contact, Skin contact, Inhalation

**Delayed, immediate, or chronic effects and symptoms from short and long-term exposure**

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May be irritating to nose, throat, and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Target Organs (SE):** None known

**Target Organs (RE):** None known

**Numerical measures of toxicity**

ATE - Oral (mg/kg): >5000

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:** This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Contaminated Packaging:** Do not re-use empty containers.

**RCRA Hazard Class (undiluted product):** Not Regulated

**RCRA Hazard Class (diluted product):** Not Regulated

**14. TRANSPORT INFORMATION**

**DOT/TDG/IMDG:** Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG (Ocean) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**15. REGULATORY INFORMATION**

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

**U.S. Regulations**

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65.

**RIGHT TO KNOW (RTK)**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Fatty acids, C8-18 and C18 unsaturated	67701-05-7	-	-	-	-
Dipropylene glycol methyl ether	34590-94-8	X	X	X	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Dipropylene glycol methyl ether	34590-94-8	> 0.1% - < 1%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Dipropylene glycol methyl ether	X		

**SARA 311/312 Hazard Categories**

Immediate: x

Stride Citrus SC 3 Neutral Cleaner



Delayed: -  
Fire: -  
Reactivity: -  
Sudden Release of Pressure: -

Canadian Regulations

**16. OTHER INFORMATION**

**NFPA (National Fire Protection Association)**

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2  
Flammability 0  
Instability 0

Version Number: 6  
Preparation date: 2015-09-14

Reason for revision: Not applicable  
Prepared by: NAPRAC  
Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

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# Safety Data Sheet

Issue Date: 01-May-2015

Revision Date: 02-Dec-2014

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name Sun Brite 5.25% Bleach

### Other means of identification

SDS # CPD-006E

EPA Number 55852-1

### Recommended use of the chemical and restrictions on use

Recommended Use Bleach.

### Details of the supplier of the safety data sheet

#### Supplier Address

Champion Packaging & Distribution  
1840 International pkwy  
Woodridge, IL 60517

### Emergency Telephone Number

Company Phone Number 630-972-0100  
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

Appearance Clear to yellow liquid      Physical State Liquid      Odor Pungent, irritating, that of household bleach

### Classification

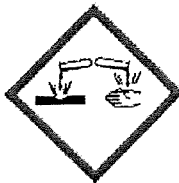
Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1

### Signal Word

Danger

### Hazard Statements

Causes severe skin burns and eye damage



### Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

---

**Precautionary Statements - Response**

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Sodium hypochlorite	7681-52-9	1-10

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES****First Aid Measures**

<b>General Advice</b>	Immediately call a poison center or doctor/physician.
<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Immediately call a poison center or doctor/physician.
<b>Skin Contact</b>	Immediately flush with soap and water.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
<b>Ingestion</b>	Immediately call a poison center or doctor/physician. Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects**

<b>Symptoms</b>	Causes severe skin burns and eye damage. Respiratory tract irritant. Ingestion can cause corrosion of the mucous membranes.
-----------------	---

**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
---------------------------	------------------------

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

---

Unsuitable Extinguishing Media Not determined.

**Specific Hazards Arising from the Chemical**

Not considered to be a fire hazard. Not considered to be an explosion hazard.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

- |                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Use personal protective equipment as required.        |
| <b>Environmental Precautions</b> | See Section 12 for additional Ecological Information. |

**Methods and material for containment and cleaning up**

- |                                |  |
|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so.  |
| <b>Methods for Clean-Up</b>    | Move unprotected personnel upwind out of danger. Dilute with water and flush to local sewer system, if permitted. Solid waste must be disposed of in a permitted waste management facility. Ensure compliance with local, state and federal regulations. |

## **7. HANDLING AND STORAGE**

**Precautions for safe handling**

- |                                |  |
|--------------------------------|--|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. |
|--------------------------------|--|

**Conditions for safe storage, including any incompatibilities**

- |                               |   |
|-------------------------------|---|
| <b>Storage Conditions</b>     | Store locked up. Store in a cool, dry, well-ventilated place. Protect container from physical damage. Store away from incompatible materials. |
| <b>Incompatible Materials</b> | Reacts vigorously with Amine, Ammonium Acetate, Ammonium Oxalate, Acids and most organics.  |

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- |                                   |  |
|-----------------------------------|--|
| <b><u>Exposure Guidelines</u></b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies |
|-----------------------------------|--|

**Appropriate engineering controls**

- |                             |   |
|-----------------------------|---|
| <b>Engineering Controls</b> | Local exhaust ventilation recommended. Eyewash stations. Showers. |
|-----------------------------|---|

**Individual protection measures, such as personal protective equipment**

- |                                 |   |
|---------------------------------|---|
| <b>Eye/Face Protection</b>      | Use chemical safety goggles impervious to product. Contact lenses should not be worn when working with this material. |
| <b>Skin and Body Protection</b> | Wear impervious protective clothing including boots, gloves, lab coat, apron, or coveralls to prevent skin contact.   |

**Respiratory Protection** (NIOSH Approved) Recommended for all personnel working in or about an area of potential exposure.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Pungent, irritating, that of household bleach
<b>Appearance</b>	Clear to yellow liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear to yellow		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	12.75		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Decomposes prior to boiling		
Flash Point	Not determined		
Evaporation Rate	Not Applicable		
Flammability (Solid, Gas)	Liquid- Not applicable		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Approximately that of air		
Vapor Density	Not determined		
Specific Gravity	1.086		at 15.6°C (60°F)
Water Solubility	Completely soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under ordinary conditions of use and storage. Unstable at elevated temperatures.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization** This substance does not polymerize.

### Conditions to Avoid

Excessive heat and fire. Incompatible Materials.

### Incompatible Materials

Reacts vigorously with Amine, Ammonium Acetate, Ammonium Oxalate, Acids and most organics.

### Hazardous Decomposition Products

Decomposes under various mechanisms. May generate chlorine or oxygen which can be toxic and explosive, respectively.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Causes severe eye damage.

**Skin Contact** Causes severe skin burns.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hypochlorite 7681-52-9	= 8200 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	-

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9		Group 3		

#### Legend

*IARC (International Agency for Research on Cancer)  
Group 3 IARC components are "not classifiable as human carcinogens"*

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic life with long lasting effects.

### Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium hypochlorite 7681-52-9	0.095: 24 h Skeletonema costatum mg/L EC50	0.06 - 0.11: 96 h Pimephales promelas mg/L LC50 flow-through 4.5 - 7.6; 96 h Pimephales promelas mg/L LC50 static 0.4 - 0.8; 96 h Lepomis macrochirus mg/L LC50 static 0.28 - 1; 96 h Lepomis macrochirus mg/L LC50 flow-through 0.05 - 0.771; 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.03 - 0.19; 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.18 - 0.22; 96 h Oncorhynchus mykiss mg/L LC50 static		2.1: 96 h Daphnia magna mg/L EC50 0.033 - 0.044; 48 h Daphnia magna mg/L EC50 Static

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA**  
**Proper Shipping Name** The product as packaged is not approved for air transportation.

**IMDG**  
**UN/ID No** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s. (Sodium hypochlorite)  
**Hazard Class** 9  
**Packing Group** III  
**Marine Pollutant** Sodium hypochlorite  
**Description** For combination packagings (e.g. boxes) containing inner packagings (e.g. bottles) of 5 L (1.33 gal) or less, the product is shipped as a limited quantity per IMDG Code Chapter 3.4.

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Sodium hypochlorite	Present	X		Present		Present	X	Present	X	X

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*



**US Federal Regulations**

**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hypochlorite 7681-52-9	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

**SARA 313**

Not determined

**CWA (Clean Water Act)**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite	100 lb			X

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hypochlorite 7681-52-9	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<b><u>HMIS</u></b>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

Issue Date: 01-May-2015  
Revision Date: 02-Dec-2014  
Revision Note: New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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World Class Cleaning Solutions<sup>®</sup>

# NATIONAL CHEMICAL LABORATORIES, INC.


## SAFETY DATA SHEET

### Section 1 - Identification

Product Identifier	SUN-SPRAY Ready to Use Foaming Citrus Degreaser (Qt.)
Other means of identification	1086
Recommended use	R-T-U Degreaser.
Recommended restrictions	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

### Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category	Target Organ
Physical Hazards	Not Classified		
Health Hazards	Sensitization, skin	1	
	Serious eye damage/eye irritation	2A	
OSHA defined hazards	Not Classified.		
Label Elements			
Hazard Symbol			
Signal Word	Warning		
Hazard Statement	May cause an allergic skin reaction. Causes serious eye irritation.		
Precautionary statement			
Prevention	Avoid breathing mist or vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Wear eye/face protection.		
Response	If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.		
Storage	Store away from incompatible materials.		
Disposal	Dispose of waste and residues in accordance with local authority requirements.		
Hazard(s) not otherwise classified (HNOC)	None known.		

### Section 3 - Composition/Information on Ingredients

Mixture			
Hazardous Components	Ingredient Name	CAS #	%
	2-(2-Butoxyethoxy) Ethanol	112-34-5	1 - 5
	4-Nonylphenol, branched, ethoxylated	127087-87-0	1 - 5
	Citrus Terpenes	5989-27-5	0.1 - 1
	Orange Oil	8008-57-9	0.1 - 1

### Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Get medical attention if irritation develops or persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Get medical attention if irritation develops and persists.

# SAFETY DATA SHEET

<b>Most important symptoms /effects, acute and delayed</b>	Rash. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis.
<b>Indication of immediate medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General Information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	This product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do it without risk.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Do not get in eyes, on skin, or on clothing. Avoid breathing mist or vapor. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 - Exposure control/personal protection

### Occupational exposure limits

#### US. Workplace environmental Exposure Level (WEEL) Guides

Component	Type	Value
Citrus Terpenes (CAS 5989-27-5)	TWA	165.5 mg/m <sup>3</sup> , 30 ppm

#### US. ACGIH Threshold Limit Values

Component	Type	Value	Form
2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Use personal protective equipment as required. Keep working clothes separately.
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Use of an impervious apron is recommended.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.

# SAFETY DATA SHEET

**General hygiene considerations**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 - Physical and chemical properties

**Appearance**

Physical state	Liquid.
Form	Liquid.
Color	Straw.
Odor	Orange peel.
Odor threshold	Not available.
pH (Concentrate)	9.9
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	> 212.0 °F (> 100.0 °C) Tag Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.01 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	100% Completely soluble.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 20 cSt
Viscosity Temperature	75 °F (23.89 °C)

## Section 10 - Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	No hazardous decomposition products are known.

## Section 11 - Toxicological information

**Information on likely routes of exposure**

<b>Ingestion</b>	Expected to be a low ingestion hazard..
<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics**  
 Rash. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis.

**Information on toxicological effects.**

**Acute toxicity** Not expected to be acutely toxic. May cause an allergic skin reaction.

Components	Level	Type	Code	Species	Results
2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)	Acute	Dermal	LD50	Rabbit	2764 mg/kg, (N)
Citrus Terpenes (CAS 5989-27-5)	Acute	Dermal	LD50	Rabbit	5 g/kg
	Acute	Oral	LD50	Mouse	5600 - 6600 mg
	Acute	Other	LD50	Mouse	1.3 g/kg
	Acute	Other	LD50	Rat	0.11 g/kg

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

# SAFETY DATA SHEET

Serious eye damage/ eye irritation	Causes serious eye irritation.	
Respiratory sensitization	This product is not expected to cause respiratory sensitization.	
Skin sensitization	May cause an allergic skin reaction.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Component	Result	Comment
Citrus Terpenes (CAS 5989-27-5)	3	Not classifiable as to carcinogenicity to humans.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not classified.	
Chronic effects	May be harmful if absorbed through skin. Prolonged inhalation may be harmful.	
Further information	No other specific acute or chronic health impact noted.	

## Section 12 - Ecological Information

Ecotoxicity	The product contains a substance which is very toxic to aquatic organisms.		
Component(s)	Citrus Terpenes, 5989-27-5		
EcoName	EcoCode	EcoSpecies	EcoTestResults
Crustacea	EC50	Water flea (Daphnia pulex)	69.6 mg/l, 48 hours
Fish	LC50	Flathead minnow (Pimephales promelas)	0.619 - 0.796 mg/l, 96 hours
4-Nonylphenol, branched, ethoxylated, 127087-87-0			
EcoName	EcoCode	EcoSpecies	EcoTestResults
Crustacea	EC50	Water flea (Daphnia magna)	12.2 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	1 - 1.8 mg/l 96 hours
Persistence and degradability	No data is available on the degradability of this product.		
Partition coefficient n-octanol / water log (Kow)			
Components	Results		
2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)	0.56		
Citrus Terpenes (CAS 5989-27-5)	4.232		
Mobility in soil	No data available.		
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

## Section 13 - Disposal considerations

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14 - Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code	This substance/mixture is not intended to be transported in bulk.

## Section 15 - Regulatory Information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.	
TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)	Not regulated.	
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.	
CERCLA Hazardous Substance List (40 CFR 302.4)		
Components	Result	
2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)	LISTED	

# SAFETY DATA SHEET

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	Yes
	Pressure Hazard	No
	Reactivity Hazard	No
SARA 302 Extremely hazardous substance	Not listed.	
SARA 311/312 Hazardous chemical	Yes	
SARA 313 (TRI reporting)		

Chemical name	CAS #	% by wt.
2-(2-Butoxyethoxy) Ethanol	112-34-5	1 - 5

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List

Components

2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### US.Massachusetts RTK - Substance List

Components

2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)

### US.New Jersey Worker and Community Right-to-Know Act

Components

2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)

Citrus Terpenes (CAS 5989-27-5)

### US.Pennsylvania RTK - Hazardous Substances

Components

2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)

### US.Rhode Island RTK

Components

2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)

US - California Proposition 65 - Carcinogens Reproductive Toxicity (CRT): Listed substance Not listed.

## International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCs)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16 - Other information, including date of preparation or last version

Issue date 4/9/2015

Version # 1

Further Information Not available.

### Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

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# Safety Data Sheet

Date Issued: 12/21/2016

## SECTION 1: IDENTIFICATION OF THE PREPARATION AND THE COMPANY

PRODUCT NAME: Super- Sorb MANUFACTURER: Fresh Products, LLC, 30600 Oregon Rd. Perrysburg, Ohio 43551 USA  
 RECOMMENDED USE: Deodorizer TELEPHONE: +1-419-531-9741  
 RESTRICTIONS ON USE: For Intended use only FAX: +1-419-531-8472  
 ITEM NUMBER: SSC , SSP , SSD EMERGENCY CONTACT (spill/release): 800-424-9300

## Section 2: HAZARDS IDENTIFICATION

**General:** Contains small amounts of chemicals that are hazardous to health and the environment

but in quantities too small to constitute any practical risks to health or the environment.

Classification:	WARNING	Acute Toxicity Oral 4	Skin Sensitization 1
	Hazard Phrases:	Precautionary Phrases:	
	H302: Harmful if swallowed.	P102: Keep out of reach of children.	P301+310: If swallowed, call physician
	H317: May cause allergic skin reaction.	P264: Wash hands thoroughly after handling.	P302+P352: If on skin, wash with plenty of water.
		P280: Wear suitable gloves.	P332+P313: If rash occurs, seek medical attention.
		P501: Dispose of contents to an approved waste disposal plant.	

## SECTION 3: INGREDIENT INFORMATION

**Chemical Identification:** Scented light brown powder that turns liquids to solids.

**Form/Shape:** Bottle weighs approximately 340g.

**CAS Number:** Not applicable since the product is a preparation.

**EINECS/ELINCS #:** Not applicable since the product is a preparation.

The product is a complex mixture of substances of which the following have been classified as presenting a health or environmental hazard or as having an occupational exposure limit within the meaning of the Directive 67/548/EEC or 1999/45/EC

Level 9%)	CAS NR	EC NR	Substance
35-50%	N/a	N/a	Cellulose
35-50%	60323-79-7	N/a	Absorbent Polymer
<1%	67-63-0	N/a	Isopropyl Alcohol
1-5%	N/a	N/a	Fragrance
C14-95%, C12-3%, C16-2%, dimethyl<1%	N/a	N/a	N-Alkyl
N/a	139-08-02	N/a	Benzyl ammonium chloride dihydrate
<1%	26172-55-4 & 2682-20-4	N/a	Microbiocide

## SECTION 4: FIRST AID MEASURES

**General:** No specific acute effects or symptoms are known.

**Inhalation:** No acute effects expected. If person is feeling unwell, remove to fresh air.

**Ingestion:** Possibility of ingestion limited due to product form and difficulty to chew and ingest. In the event of ingestion, rinse mouth thoroughly with water.

**Skin:** Wash off with soap and water.

**Eyes:** Possibility of eye contact limited. In the event, wash thoroughly with water or approved eyewash.

## SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Use extinguishing media appropriate for the surrounding fire. Water spray, fog or mist. Dry chemicals, sand etc.

**Exposure Hazards:** Thermal decomposition or burning may release a variety of products ranging from simple hydrocarbons to toxic/irritating gases including carbon monoxide and carbon dioxide. Full protective clothing should be worn before a confined fire space is entered. Self-contained breathing apparatus should be worn.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

No special requirements for accidental release required. Apply good housekeeping practices.

## SECTION 7: HANDLING AND STORAGE

**Usage Precautions:** Follow normal good-housekeeping practices. Keep away from direct flames.

Storage Precautions: Keep in cool, dry conditions in original containers at no more than 30° C

### SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure limit: Not Established

Protection: Although unexpected, avoid prolonged skin contact. Use chemically resistant gloves as needed.

Respiratory Protection: None required under normal usage

Eye Protection: None required

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cylindrical bottle with scented powder

Flash pt: Not applicable.

Relative Density: Not determined

Odor: Various

Evaporation Rate: Not applicable.

Solubility in water: Insoluble.

Odor Threshold: Not determined

Flammability: Not determined/applicable

Partition Coefficient: Not determined

Color: Light Brown

UEL: Not determined

Autoignition Temperature: Not applicable

pH value: Not determined/applicable

LEL: Not determined

Decomposition Temperature:

Melting Pt: Estimated 60° C

Vapor Pressure: Not determined/applicable

Not determined/applicable

Boiling Pt: Not applicable.

Vapor Density: Not determined/applicable

### SECTION 10: STABILITY AND REACTIVITY

Stability: Normally stable.

Conditions to avoid: Avoid extreme heat and naked flames.

Materials to avoid: Strong oxidizing agents.

Decomposition Products: None under normal storage conditions.

### SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects: Ingredients include a small quantity of volatile fragrance chemicals which

Chronic Effects: None are known.

may contain small amounts of substances that are harmful if swallowed and/or irritating to the eyes and skin.

Health Risks: INHALATION: Prolonged exposure to volatile ingredients is unlikely to cause irritation or other adverse health effects.

INGESTION: No practical risk of adverse health effects.

SKIN CONTACT: No practical risk of adverse health effects.

EYE CONTACT: No practical risk of adverse health effects.

### SECTION 12: ECOLOGICAL INFORMATION

No specific information has been established regarding the product. However according to the conventional method of Directive 99/45/EC the product is classified as harmful to aquatic organisms, or causing long-term effects in the aquatic environment.

Ecotoxicity: N/A

Bioaccumulative Potential: N/A

Persistence and Degradability: N/A

Mobility in Soil: N/A

Other Adverse Effects: N/A

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local Authority requirements e.g., for used product, as household waste

### SECTION 14: TRANSPORT INFORMATION

Product is not regulated as hazardous

Transport Hazard Class: N/A

DOT Classifications: Non Hazardous

UN-Number: N/A

Packing group: N/A

UN Proper Shipping Name: N/A

Marine Pollutant: N/A

Special Precautions with Transport: N/A

### SECTION 15: REGULATORY INFORMATION

Classification, Packaging and Labeling according to Directive 99/45/EC

Signal word:

Pictograms:

WARNING

Exclamation mark

Hazard Phrases:

Precautionary Phrases:

P301+310: If swallowed, call physician

H302: Harmful if swallowed.

P102: Keep out of reach of children.

P302+P352: If on skin, wash with plenty of water.

H317: May cause allergic skin reaction.

P264: Wash hands thoroughly after handling.

P332+P313: If rash occurs, seek medical attention.

P280: Wear suitable gloves.

P501: Dispose of contents to an approved waste disposal plant.

### SECTION 16: OTHER INFORMATION

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)



World Class Cleaning Solutions™

# NATIONAL CHEMICAL LABORATORIES, INC.

## SAFETY DATA SHEET

### Section 1 - Identification

Product Identifier	WHITE PEARL Luxurious Hand Cleaner & Body Wash
Other means of identification	0470
Recommended use	Hand Soap.
Recommended restrictions	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

### Section 2 - Hazard(s) Identification

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Not Classified	
OSHA defined hazards	Not Classified.	
<b>Label Elements</b>		
Hazard Symbol	None.	
Signal Word	None	
Hazard Statement	The mixture does not meet the criteria for classification.	
<b>Precautionary statement</b>		
Prevention	Observe good industrial hygiene practices.	
Response	Wash hands after handling.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of waste and residues in accordance with local authority requirements.	
Hazard(s) not otherwise classified (HNOC)	None known.	

### Section 3 - Composition/Information on ingredients

Mixture

Composition Comments    Componenets not listed are either non-hazardous or are below reportable limits.

### Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Wash off with soap and water. Get medical attention if irritation persists.
Eye contact	Rinse with water. Get medical attention if irritation persists.
Ingestion	Rinse mouth. Get medical attention if irritation persists.
Most important symptoms /effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment	Treat symptomatically.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### Section 5 - Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SAFETY DATA SHEET

Fire-fighting equipment /instructions	Move containers from fire area if you can do it without risk.
General fire hazards	No unusual fire or explosion hazards noted.
Specific Methods	Use standard firefighting procedures and consider the hazards of other involved materials.

### Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
Methods and materials for containment and cleaning up	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

### Section 7 - Handling and storage

Precautions for safe handling	Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

### Section 8 - Exposure control/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Gloves are recommended for prolonged use. Applicable for industrial settings only.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Section 9 - Physical and chemical properties

Appearance	Pearlescent Liquid.
Physical state	Liquid.
Form	Liquid.
Color	White.
Odor	Almond.
Odor threshold	Not available.
pH	7.0
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	None to boiling.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Equal to water.
Vapor density	Equal to water.
Relative density	1.03 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Completely soluble.
Partition Coefficient n-octanol/water	Not available.

## SAFETY DATA SHEET

Auto-ignition temperature	Not Available.
Decomposition temperature	Not Available.
Viscosity	2000 cSt
Viscosity Temperature	75 °F (23.89 °C)

### Section 10 - Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	No hazardous decomposition products are known.

### Section 11 - Toxicological information

Information on likely routes of exposure	
Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.
Information on toxicological effects.	
Acute toxicity	Not available.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization	This product is not expected to cause respiratory sensitization.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.

### Section 12 - Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### Section 13 - Disposal considerations

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### Section 14 - Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.

## SAFETY DATA SHEET

IMDG Not regulated as dangerous goods.  
 Transportation in bulk This substance/mixture is not intended to be transported in bulk.  
 according to Annex II of  
 MARPOL 73/78 and IBC Code

### Section 15 - Regulatory Information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories Immediate Hazard No

Delayed Hazard No

Fire Hazard No

Pressure Hazard No

Reactivity Hazard No

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

US.Massachusetts RTK - Substance List Not regulated.

US.New Jersey Worker and Community Right-to-Know Act Not listed.

US.Pennsylvania RTK - Hazardous Substances Not listed.

US.Rhode Island RTK Not regulated.

US - California Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### Section 16 - Other information, including date of preparation or last version

Issue date 1/26/2015

Revision date 1/26/2015

Version # 02

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