

SAFETY DATA SHEET

1. Product and Company Identification

| | |
|--------------------------------------|---|
| Product identifier | Rx11-Flush Cylinders (4300-15, 4300-26) |
| Other means of identification | Not available |
| Recommended use | Solvent cleaner for flushing AC and refrigeration systems |
| Recommended restrictions | None known. |
| Manufacturer | Nu-Calgon 2008 Altom Court St. Louis, MO 63146 US Phone: 314-469-7000 / 800-554-5499 Emergency Phone: 1-800-424-9300 (CHEMTREC) |

2. Hazards Identification

| | | |
|------------------------------|---|---|
| Physical hazards | Gases under pressure | Liquefied gas |
| Health hazards | Acute toxicity, oral | Category 4 |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| | Specific target organ toxicity, single exposure | Category 3 respiratory tract irritation |
| Environmental hazards | Not classified. | |
| OSHA defined hazards | Not classified. | |
| Label elements | | |



| | |
|--|---|
| Signal word | Warning |
| Hazard statement | Contains gas under pressure; may explode if heated. Causes serious eye irritation. Causes skin irritation. Harmful if swallowed. May cause respiratory irritation. |
| Precautionary statement | |
| Prevention | Wash thoroughly after handling. Wear eye/face protection. Wear protective gloves. Do not eat, drink or smoke when using this product. Avoid breathing gas. Use only outdoors or in a well-ventilated area. |
| Response | 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. If on skin: Wash with plenty of water. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. |
| Storage | Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Store locked up. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | 20% of the mixture consists of component(s) of unknown acute oral toxicity. |

3. Composition/Information on Ingredients

Mixture

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|-------------|---------|
| (E)-1,2-Dichloroethene | | 156-60-5 | 40 - 70 |
| Ethane, 1,1,1,2-tetrafluoro- | | 811-97-2 | 10 - 30 |
| Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- | | 138495-42-8 | 10 - 30 |

| Chemical name | Common name and synonyms | CAS number | % |
|--------------------------------|--------------------------|------------|--------|
| Butane, 1,1,1,3,3-pentafluoro- | | 406-58-6 | 5 - 10 |

Composition comments US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

4. First Aid Measures

| | |
|---|---|
| Inhalation | If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. |
| Skin contact | If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |
| Eye contact | 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. |
| Ingestion | If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. |
| Most important symptoms/effects, acute and delayed | Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. 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. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Show this safety data sheet to the doctor in attendance. Do not puncture or incinerate container. Do not store at temperatures above 49°C. |

5. Fire Fighting Measures

| | |
|--|--|
| Suitable extinguishing media | Treat for surrounding material. |
| Unsuitable extinguishing media | None known. |
| Specific hazards arising from the chemical | Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out. Firefighters should wear a self-contained breathing apparatus. |
| Special protective equipment and precautions for firefighters | Firefighters should wear full protective clothing including self contained breathing apparatus. |
| Fire-fighting equipment/instructions | In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Cool containers with flooding quantities of water until well after fire is out. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| Specific methods | Cool containers exposed to flames with water until well after the fire is out. |
| Hazardous combustion products | May include and are not limited to: Oxides of carbon. |
| Explosion data | |
| Sensitivity to mechanical impact | Not available. |
| Sensitivity to static discharge | Not applicable. |

6. Accidental Release Measures

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing gas. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | Extinguish all flames in the vicinity. Stop the flow of material, if this is without risk. Isolate area until gas has dispersed. Dike far ahead of spill for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. 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 | Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. |

7. Handling and Storage

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|---|--|
| Precautions for safe handling | Use only with adequate ventilation. Do not taste or swallow. Avoid breathing gas. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. |
| Conditions for safe storage, including any incompatibilities | Store locked up. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children. Do not store at temperatures above 49 °C (120.2°F). Keep away from heat, open flames or other sources of ignition. |

8. Exposure Controls/Personal Protection

Occupational exposure limits

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

| Components | Type | Value |
|--|------|----------------------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | PEL | 790 mg/m3 200 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|--|------|---------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | TWA | 200 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|--|------|----------------------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | TWA | 790 mg/m3 200 ppm |

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

| Components | Type | Value |
|--|------|------------------------|
| Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) | TWA | 4240 mg/m3 1000 ppm |

| | |
|--|---|
| 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. |
| Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Wear safety glasses with side shields (or goggles). |
| Skin protection | |
| Hand protection | Rubber gloves. Confirm with a reputable supplier first. |
| Other | Wear appropriate chemical resistant clothing. As required by employer code. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. |
| Thermal hazards | Not applicable. |
| General hygiene considerations | When using, do not eat, drink or smoke. Wash hands and face before breaks and immediately after handling the product. 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. When using do not eat or drink. |

9. Physical and Chemical Properties

| | |
|-------------------------------------|----------------|
| Appearance | Clear |
| Physical state | Gas. |
| Form | Liquefied gas. |
| Color | Colorless |
| Odor | slight ether |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | Not available. |

| | |
|---|------------------------------------|
| Initial boiling point and boiling range | 105.8 °F (41 °C) |
| Pour point | Not available. |
| Specific gravity | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Flash point | Not flammable |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | > 5 |
| Flammability limit - upper (%) | < 14.4 |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 284 mm Hg |
| Vapor density | 3.4 (air = 1) |
| Relative density | Not available. |
| Solubility(ies) | 0.4 g/100g H ₂ O @ 20°C |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Percent volatile | 100 % |
| VOC (Weight %) | 697 g/l |

10. Stability and Reactivity

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|---|--|
| Reactivity | Powdered metal. This product may react with strong alkalis. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Chemical stability | Stable under recommended storage conditions. |
| Conditions to avoid | Heat, open flames, static discharge, sparks and other ignition sources. |
| Incompatible materials | Strong oxidizing agents. Alkalis. |
| Hazardous decomposition products | May include and are not limited to: Oxides of carbon. Hydrogen fluoride. |

11. Toxicological Information

| | |
|---|---|
| Routes of exposure | Inhalation. Ingestion. Skin contact. Eye contact. |
| Information on likely routes of exposure | |
| Ingestion | Harmful if swallowed. |
| Inhalation | Prolonged inhalation may be harmful. May cause irritation to the respiratory system. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |
| Symptoms related to the physical, chemical and toxicological characteristics | Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |

Information on toxicological effects

Acute toxicity Harmful if swallowed. May cause respiratory irritation.

| Components | Species | Test Results |
|---------------------------------------|---------|--------------------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 5000 mg/kg |
| <i>Inhalation</i> | | |
| LC50 | Mouse | 21723 ppm, 6 Hours |

| Components | Species | Test Results |
|--|--|---------------------|
| <i>Oral</i> LD50 | Mouse | 2220 mg/kg |
| | Rat | 1235 mg/kg |
| Butane, 1,1,1,3,3-pentafluoro- (CAS 406-58-6) | | |
| Acute | | |
| <i>Inhalation</i> LC50 | Rat | 100000 ppm, 4 hours |
| <i>Oral</i> LD50 | Rat | > 2000 mg/kg |
| Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) | | |
| Acute | | |
| <i>Inhalation</i> LC50 | Rat | > 500000 ppm |
| <i>Oral</i> LD50 | Not available | |
| Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) | | |
| Acute | | |
| <i>Dermal</i> LD50 | Rabbit | > 5000 mg/kg |
| <i>Inhalation</i> LC50 | Rat | 11100 ppm, 4 hours |
| <i>Oral</i> LD50 | Rat | > 5000 mg/kg |
| Skin corrosion/irritation | Causes skin irritation. | |
| Exposure minutes | Not available. | |
| Erythema value | Not available. | |
| Oedema value | Not available. | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | |
| Corneal opacity value | Not available. | |
| Iris lesion value | Not available. | |
| Conjunctival reddening value | Not available. | |
| Conjunctival oedema value | Not available. | |
| Recover days | Not available. | |
| Respiratory or skin sensitization | | |
| Respiratory sensitization | Not available. | |
| Skin sensitization | Prolonged or repeated exposure can cause drying, defatting and dermatitis. | |
| Germ cell mutagenicity | Non-hazardous by WHMIS/OSHA criteria. | |
| Mutagenicity | Non-hazardous by WHMIS/OSHA criteria. | |
| Carcinogenicity | No ingredients listed by IARC, ACGIH, NTP or OSHA. | |
| Reproductive toxicity | Non-hazardous by WHMIS/OSHA criteria. | |
| Teratogenicity | Non-hazardous by WHMIS/OSHA criteria. | |
| Specific target organ toxicity - single exposure | Respiratory tract irritation. | |
| 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. Non-hazardous by WHMIS/OSHA criteria. | |
| Further information | Not available. | |
| Name of Toxicologically Synergistic Products | Not available. | |

12. Ecological Information

| | | | |
|---------------------------------------|---|---|--------------------------|
| Ecotoxicity | See below | | |
| Components | | Species | Test Results |
| (E)-1,2-Dichloroethene (CAS 156-60-5) | | | |
| Aquatic | | | |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) | 120 - 160 mg/l, 96 hours |
| 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 | Not 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. | | |

13. Disposal Considerations

| | |
|--|--|
| Disposal instructions | Consult authorities before disposal. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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. |
| US RCRA Hazardous Waste U List: Reference | |
| (E)-1,2-Dichloroethene (CAS 156-60-5) | U079 |
| 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 (see: Disposal instructions). |
| 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. |

14. Transport Information

U.S. Department of Transportation (DOT)

Basic shipping requirements:

| | |
|-----------------------------|--|
| UN number | UN1956 |
| Proper shipping name | Compressed gas, n.o.s. (Tetrafluoroethane) |
| Hazard class | 2.2 |
| Packaging exceptions | 306, 307 |

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

| | |
|-----------------------------|--|
| UN number | UN1956 |
| Proper shipping name | COMPRESSED GAS, N.O.S. (Tetrafluoroethane) |
| Hazard class | 2.2 |

IATA/ICAO (Air)

Basic shipping requirements:

| | |
|-----------------------------|--|
| UN number | UN1956 |
| Proper shipping name | Compressed gas, n.o.s. (Tetrafluoroethane) |
| Hazard class | 2.2 |
| ERG code | 2L |

IMDG (Marine Transport)

Basic shipping requirements:

| | |
|-----------------------------|--|
| UN number | UN1956 |
| Proper shipping name | COMPRESSED GAS, N.O.S. (Tetrafluoroethane) |
| Hazard class | 2.2 |
| EmS | F-C, S-V |

DOT



IATA; IMDG; TDG



15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Canada CEPA Schedule I: Listed substance

| | |
|--|---------|
| Butane, 1,1,1,3,3-pentafluoro- (CAS 406-58-6) | Listed. |
| Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) | Listed. |
| Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) | Listed. |

Canada SNAc Reporting Requirements: Listed substance/Publication date

| | |
|--|--------------------|
| Butane, 1,1,1,3,3-pentafluoro- (CAS 406-58-6) | Listed. 11/29/2006 |
| Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) | Listed. 11/29/2006 |

Canada WHMIS Ingredient Disclosure: Threshold limits

| | |
|---------------------------------------|-----|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | 1 % |
|---------------------------------------|-----|

WHMIS status Controlled
WHMIS classification Class A - Compressed Gas, Class D - Division 2B
WHMIS labeling



US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

| | |
|---------------------------------------|-------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | 1.0 % |
|---------------------------------------|-------|

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

| | |
|---------------------------------------|---------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | Listed. |
|---------------------------------------|---------|

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

| | |
|--|--|
| Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) | 1.0 % One-Time Export Notification only. |
|--|--|

US CWA Section 307(a)(1) Toxic Pollutants: Listed substance

| | |
|---------------------------------------|---------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | Listed. |
|---------------------------------------|---------|

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|---------------------------------------|---------|
| (E)-1,2-Dichloroethene (CAS 156-60-5) | Listed. |
|---------------------------------------|---------|

US – CAA Mandatory Reporting of GHGs: Global warming potential (100 year)

| | |
|--|------|
| Butane, 1,1,1,3,3-pentafluoro- (CAS 406-58-6) | 794 |
| Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) | 1300 |
| Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) | 1300 |

Lead Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

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

Not regulated.

US CAA Section 612 SNAP Program: Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.
- Butane, 1, 1,1,3,3-pentafluoro- (CA S 40 6-58-6) Listed.
- Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) Listed.
- Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) Listed.

US CAA VOCs with Negligible Photochemical Activity: Listed substance

- Butane, 1,1,1,3,3-pentafluoro- (CAS 406-58-6) Listed.
- Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) Listed.
- Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|------------------------|------------|----------|
| (E)-1,2-Dichloroethene | 156-60-5 | 40 - 70 |

Other federal regulations

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 - California Hazardous Substances (Director's): Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US - Illinois Chemical Safety Act: Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

US - Louisiana Spill Reporting: Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

US - Minnesota Haz Subs: Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.
- Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) Listed.

US - New Jersey RTK - Substances: Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

US - New York Release Reporting: Hazardous Substances: Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

US - Texas Effects Screening Levels: Listed substance

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.
- Butane, 1, 1,1,3,3-pentafluoro- (CAS 406-58-6) Listed.
- Ethane, 1,1,1,2-tetrafluoro- (CAS 811-97-2) Listed.
- Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS 138495-42-8) Listed.

US. Massachusetts RTK - Substance List

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

US. Pennsylvania RTK - Hazardous Substances

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

US. Rhode Island RTK

- (E)-1,2-Dichloroethene (CAS 156-60-5) Listed.

Inventory status

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|----------------------|--------------------------------|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |

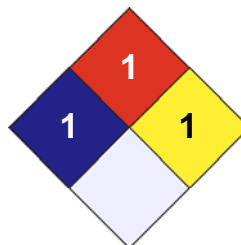
| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

| LEGEND | |
|----------|---|
| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

| | |
|----------------------------|-----|
| HEALTH | / 1 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 1 |
| PERSONAL PROTECTION | X |



Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date

05-February-2015

Effective date

01-February-2015

Expiry date

01-February-2018

Further information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Prepared by

Nu-Calgon Technical Service Phone: (314) 469-7000

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).
This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.