1. PRODUCT AND COMPANY IDENTIFICATION

Simoniz, USA
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Tel: 800-227-5536

Emergency Phone: CHEM-TEL: (800) 255-3924

Product Name: SIMONIZ - CARPET AND UPHOLSTERY CLEANER
Revision Date: 7/13/2015
Version: NEW
MSDS Number: 1264283
Common Name: AEROSOL CARPET CLEANER
Product Use: AEROSOL CARPET CLEANER

2. HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes  Skin - Yes  Inhalation - Yes  Ingestion - Unlikely

Inhalation: May cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged exposure;
Skin Contact: Slight redness on hands and forearms, if individuals has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin.
Eye Contact: This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.
Ingestion: No effect if ingested in small amounts. Relative to other materials, a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

NFPA: Health = 1, Fire = 1, Reactivity = 0
HMIS III: H1/F1/PH0

![NFPA Rating Diagram]

![HMIS III Rating Diagram]

Specific Hazard:
- B | Safety Glasses, Gloves
GHS Signal Word:
WARNING

GHS Hazard Pictograms:

GHS Classifications:
- Physical, Flammable Aerosols, 3
- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Acute toxicity, 4 Oral
- Physical, Gases Under Pressure, Liquefied Gas

GHS Phrases:
- H229 - Pressurized container: may burst if heated
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H302 - Harmful if swallowed
- H280 - Contains gas under pressure; may explode if heated

GHS Precautionary Statements:
- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P251 - Pressurized container: Do not pierce or burn, even after use.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash _ thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P308+313 - IF exposed or concerned: Get medical advice/attention.
- P331 - Do NOT induce vomiting.
- P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
- P412 - Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin conditions
LISTED CARCINOGENS: OSHA - Not listed  IARC - Not listed  NTP - Not listed

### COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Cas #</th>
<th>Percentage</th>
<th>Chemical Name</th>
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<tbody>
<tr>
<td>74-98-6</td>
<td>&lt;2%</td>
<td>Propane</td>
</tr>
<tr>
<td>106-97-8</td>
<td>&lt;5%</td>
<td>n-Butane</td>
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4  FIRST AID MEASURES

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

5  FIRE FIGHTING MEASURES

Flammability: Flammable by propellant concentration
Flash Point: -156°F (-104.4°C) (propellant) Concentrate is non-flammable
Flash Point Method: Estimated
Burning Rate: Not available.
Autoignition Temp: Not available.
LEL: Not available.
UEL: Not available.

Means of Extinguishment:
- Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.
- Unsuitable Extinguishing Media: Not available.
Products of Combustion: May include, and are not limited to: oxides of carbon.
Explosion Data:
- Sensitivity to Mechanical Impact: Not available.
- Sensitivity to Static Discharge: Not available.
Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6  ACCIDENTAL RELEASE MEASURES

Personal Precautions: 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.
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.
Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.
7 HANDLING AND STORAGE

Handling Precautions: 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.

Storage Requirements: 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. Store in accordance with NFPA 30B for LEVEL 1 AEROSOL.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Maintain adequate ventilation.

Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>OSHA-PEL</th>
<th>EXPOSURE LIMITS</th>
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<tr>
<td></td>
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<td>ACGIH-TLV</td>
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<td>OTHER</td>
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Propane
n-Butane

Odor: Pine odor
Solubility: Partially soluble
Flash Point: -156°F (-104.4°C) (propellant) Concentrate
VOC: 5%

Appearance: Light straw clear- slightly hazy liquid
Physical State: Mixture packaged in pressurized aerosol sp
Spec Grav./Density: 0.990 - 1.00g/mL
Boiling Point: >100°F
Flammability: Flammable
Vapor Pressure: No Data
pH: 9.80 - 10.80
Evap. Rate: <1.00

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid: Strong Oxidizing Agents.
Hazardous Decomposition: CO, CO2, and hydrocarbons.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

No product toxicological information is available.
No product ecological information is available.

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

DOT Class: Flammable Gas (2.1) #2.1
UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, Flammable

*Propane (74986 <2%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
*n-Butane (106978 <5%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

**Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986**
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.
Disclaimer:
Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

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