1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Simoniz USA, Inc.
201 Boston Turnpike
Bolton, CT 06043

Phone: (800) 227-5536
Emergency Phone: (800) 255-3924 (CHEM-TEL)
Web: http://www.simoniz.com/

Product Name: Simoniz Grill & Oven Cleaner #S3341012
Revision Date: 6/16/2015
Version: 2
MSDS Number: 1254279-AP4279 Rev 2
Common Name: Aerosol Oven Cleaner
Product Use: Cleaner/Degreaser

2 HAZARDS IDENTIFICATION

Route of Entry: PRIMARY ROUTES OF EXPOSURE: Inhalation; Eyes; Skin;

Target Organs: Skin, eyes, respiratory system.

Inhalation: Can cause irritation and inflammation of the respiratory tract.

Skin Contact: Corrosive to the skin. Will cause severe irritation to the skin. Prolonged contact with skin may cause severe burns.

Eye Contact: May cause permanent eye damage. Will cause eye irritation.

Ingestion: Not a normal route of exposure. May be harmful or fatal if swallowed.

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Classifications:
- Physical, Flammable Aerosols, 2
- Physical, Corrosive to Metals, 1
- Health, Acute toxicity, 4 Oral
- Health, Acute toxicity, 4 Dermal
- Health, Skin corrosion/irritation, 1 B
- Health, Acute toxicity, 4 Inhalation
- Environmental, Hazards to the aquatic environment - Acute, 3

GHS Phrases:
- H223 - Flammable aerosol
- H290 - May be corrosive to metals
- H302 - Harmful if swallowed
- H312 - Harmful in contact with skin
GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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 control center if you feel unwell.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

INGREDIENTS LISTED AS CARCINOGENS: OSHA - Not listed IARC - Not Listed NTP - not listed

3  COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

<table>
<thead>
<tr>
<th>Cas #</th>
<th>Percentage</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310-73-2</td>
<td>5.0-15.0%</td>
<td>Sodium hydroxide</td>
</tr>
<tr>
<td>68476-85-7</td>
<td>5.0-10.0%</td>
<td>Petroleum gases, liquefied</td>
</tr>
<tr>
<td>112-34-5</td>
<td>5.0-10.0%</td>
<td>Diethylene glycol n-butyl ether</td>
</tr>
<tr>
<td>141-43-5</td>
<td>1.0-5.0%</td>
<td>Ethanolamine</td>
</tr>
</tbody>
</table>

4  FIRST AID MEASURES

Inhalation: Move to fresh air and keep at rest. Call a physician if symptoms develop and persist. Give oxygen or artificial respiration if needed.

Skin Contact: Wash with soap and water. If irritation persists or if burns appear on skin, 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: Do not induce vomiting. 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. If victim is conscious rinse mouth with water and drink large quantities of water or milk. Get prompt, qualified medical attention.
5  FIRE FIGHTING MEASURES

- **Flammability**: Non-flammable per Flame Projection Test
- **Flash Point**: Not applicable
- ** Burning Rate**: Not applicable
- **Autoignition Temp**: Not established
- **LEL**: Not established
- **UEL**: Not established

**Means of Extinction:**
- Suitable Extinguishing Media: Powder, 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. Neutralize and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

7  HANDLING AND STORAGE

**Handling Precautions:**

DANGER: CORROSIVE. CAUSES BURNS TO EYES AND SKIN. HARMFUL OR FATAL 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:
- Eyes Protection: Wear eye/face protection.
- Hand Protection: Wear suitable gloves.
- Skin and Body Protection: Wear suitable protective clothing.
- Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>OSHA-PEL</th>
<th>ACGIH-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>2mg/m3 (ceiling)</td>
<td>2mg/m3 (ceiling)</td>
</tr>
<tr>
<td>Diethylene Glycol n-Butyl Ether</td>
<td>50 ppm(240mg/m3)</td>
<td>20 ppm</td>
</tr>
<tr>
<td>Liquified Petroleum Gas</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

9  PHYSICAL AND CHEMICAL PROPERTIES

Appearance: colorless, hazy liquid
Physical State: Mixture packaged in pressurized aerosol sp
Spec Grav./Density: 1.00 g/ml
Viscosity: Not evaluated
Boiling Point: > 200F
Flammability: Non-flammable (concentrate)
Partition Coefficient: Not evaluated
Vapor Pressure: Not evaluated
pH: 13.0 - 13.5
Evap. Rate: <1.0 (BuAc=1)

Odor: pungent
Solubility: Soluble in water
Percent Volatile: > 85%
Freezing/Melting Pt.: Not evaluated
Flash Point: >212F (concentrate)
Octanol: Not evaluated
Vapor Density: Not evaluated
VOC: 7.50%
Bulk Density: 8.34
Auto-Ignition Temp: Not evaluated

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: Avoid contact with excess heat, strong oxidizers, strong mineral and organic acids, organic materials, and alloys like aluminum, magnesium and zinc.
Hazardous Decomposition: CO, CO2, and hydrocarbons.
Hazardous Polymerization: Will not occur.

11  TOXICOLOGICAL INFORMATION

Not available
**ECOLOGICAL INFORMATION**

**Ecotoxicity:** May cause long-term adverse effects in the aquatic environment

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

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**DISPOSAL CONSIDERATIONS**

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. Before offering for recycling, empty the container by using the product according to the label.

If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with regulations.
### TRANSPORT INFORMATION

**DOT**

- **UN Number**: UN1950
- **UN proper shipping name**: Aerosols, flammable
- **Transport Hazard Class(es)**
  - **Class**: 2.1
  - **Subsidiary risk**: ---
  - **Label(s)**: 2.1
  - **Packing group**: Not applicable

**IATA**

- **UN Number**: UN1950
- **UN proper shipping name**: Aerosols, flammable, containing substances in Class 8, Packing Group III
- **Transport Hazard Class(es)**
  - **Class**: Forbidden
  - **Subsidiary risk**: Forbidden
  - **Label(s)**: Forbidden
  - **Packing group**: Not applicable
  - **Environmental hazards**: No
  - **Other information**
    - Passenger and cargo aircraft: Allowed
    - Cargo aircraft only: Allowed
    - Packaging exceptions: Forbidden

**IMDG**

- **UN Number**: UN1950
- **UN proper shipping name**: Aerosols, flammable
- **Transport Hazard Class(es)**
  - **Class**: 2.1
  - **Subsidiary risk**: ---
  - **Label(s)**: 2.1, 8
  - **Packing group**: Not applicable
  - **Environmental hazards**: No
  - **Packaging exceptions**: Forbidden
# REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT / (CAS/PERC) / CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Sodium hydroxide (1310732 n/a%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR</td>
</tr>
<tr>
<td>*Petroleum gases, liquefied (68476857 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR</td>
</tr>
<tr>
<td>*Diethylene glycol n-butyl ether (112345 n/a%) HAP, TSCA</td>
</tr>
<tr>
<td>*Ethanolamine (141435 n/a%) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR</td>
</tr>
</tbody>
</table>

**REGULATORY KEY DESCRIPTIONS**

- CERCLA = Superfund clean up substance
- CSWHS = Clean Water Act Hazardous substances
- MASS = MA Massachusetts Hazardous Substances List
- OSHAWAC = OSHA Workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TSCA = Toxic Substances Control Act
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- NJHS = NJ Right-to-Know Hazardous Substances
- HAP = Hazardous Air Pollutants

**PROPOSITION 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986**

This product is not known to contain chemical(s) currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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# OTHER INFORMATION

**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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