1. IDENTIFICATION

Product Identifier
Product Name Absorb-O-Gel

Other means of identification
SDS # KMH-001

Recommended use of the chemical and restrictions on use
Recommended Use Absorbent.

Details of the supplier of the safety data sheet
Kensington Medical Group Holdings
1300 E. Upas Ave.
McAllen, TX 78501

Emergency Telephone Number
Company Phone Number 1-800-783-8309
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Off white powder
Physical State Solid
Odor Slight citrus

Classification
This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical 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.

Other Hazards
Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Polyacrylate, lightly cross linked</td>
<td>046774-25-9</td>
<td>92-95</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>2-8</td>
</tr>
<tr>
<td>Hydrophobic Fumed Silica</td>
<td>68611-44-9</td>
<td>0-0.3</td>
</tr>
<tr>
<td>Acrylic acid</td>
<td>79-10-7</td>
<td>&lt;0.08</td>
</tr>
<tr>
<td>Fragrance</td>
<td>Proprietary</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

**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

General Advice Provide this SDS to medical personnel for treatment.
**Eye Contact**
Rinse thoroughly with plenty of water, also under the eyelids. Call a physician if irritation persists.

**Skin Contact**
If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water.

**Inhalation**
Not a likely route of exposure based on form of product. If fragrance is bothersome, move to fresh air.

**Ingestion**
Rinse mouth. Drink 1 or 2 glasses of water.

**Most important symptoms and effects**

**Symptoms**
May cause mild irritation. May cause discomfort if swallowed.

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

**Notes to Physician**
Treat symptomatically.

---

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

**Unsuitable Extinguishing Media**
Water is an effective extinguishing media, however the product becomes very slippery when wet.

**Specific Hazards Arising from the Chemical**
This material will make floors slippery when wet. High concentrations of dust in air may present a fire or dust explosion hazard.

**Hazardous Combustion Products**
Smoke, fumes or vapors, and oxides of carbon.

**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**

**Personal Precautions**
Use personal protective equipment as required.

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

**Methods for Containment**
Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up**
Avoid flushing with water, as material becomes slippery.

---

**7. HANDLING AND STORAGE**

**Precautions for safe handling**
Handle in accordance with good industrial hygiene and safety practice.

**Advice on Safe Handling**

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

**Storage Conditions**
Protect from dampness and humidity.

**Incompatible Materials**
Strong oxidizing agents.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid</td>
<td>TWA: 2 ppm S*</td>
<td>(vacated) TWA: 10 ppm</td>
<td>TWA: 2 ppm</td>
</tr>
<tr>
<td>79-10-7</td>
<td></td>
<td>(vacated) TWA: 30 mg/m³</td>
<td>TWA: 6 mg/m³</td>
</tr>
</tbody>
</table>

**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**

Goggles.

**Skin and Body Protection**

Protective gloves are not required, but recommended.

**Respiratory Protection**

Use NIOSH-approved dust mask if dusty conditions exist.

**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Off white powder</td>
<td>Odor</td>
</tr>
<tr>
<td>Color</td>
<td>Off white</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight citrus</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.7</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>
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.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to Avoid
Contact with incompatible materials.

Incompatible Materials
Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact
Avoid contact with eyes.

Skin Contact
Avoid contact with skin.

Inhalation
Do not inhale.

Ingestion
Do not ingest.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid</td>
<td>79-10-7</td>
<td>33500 µg/kg (Rat) = 193 mg/kg (Rat)</td>
<td>280 µL/kg (Rabbit) = 295 mg/kg (Rabbit)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid</td>
<td>79-10-7</td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Numerical measures of toxicity
Not determined
12. ECOLOGICAL INFORMATION

Ecotoxicity
Very toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid 79-10-7</td>
<td>0.17: 96 h</td>
<td>222: 96 h Brachydanio rerio mg/L LC50 semi-static</td>
<td>95: 48 h Daphnia magna mg/L EC50 270: 24h Daphnia magna mg/L LC50 Static</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pseudokirchneriella subcapitata mg/L EC50 0.04; 72 h Desmodesmus subspicatus mg/L EC50</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence/Degradability
Not determined.

Bioaccumulation
Not determined.

Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid 79-10-7</td>
<td>0.38 - 0.46</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid 79-10-7</td>
<td>U008</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Not regulated

IMDG
Marine Pollutant
This material may meet the definition of a marine pollutant
15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Hydrophobic Fumed Silica</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Acrylic acid</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Fragrance</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid</td>
<td>5000 lb</td>
<td>RQ 5000 lb final RQ</td>
<td>RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

SARA 313

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid 79-10-7</td>
<td>79-10-7</td>
<td>&lt;0.08</td>
<td>1.0</td>
</tr>
</tbody>
</table>

US State Regulations

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic acid 79-10-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Issue Date: 25-Feb-2015
Revision Date: 06-May-2015
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
Safety Data Sheet
ANTISEPTIC TOWELETTES

Section 1. Identification

Product Identifier
ANTISEPTIC TOWELETTES

Synonyms
MDS094184; MDS094185

Manufacturer Stock Numbers
MDS094184; MDS094185

Recommended use
Cleanse intended area

Uses advised against
N/A

Manufacturer Contact
Medline Industries, Inc.
One Medline Place
Mundelein, IL, 60060
USA

Phone
(800) 633-5463

Emergency Phone
(800) 424-9300

Fax
(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification
ACUTE TOXICITY - DERMAL - Category 5
ACUTE TOXICITY - ORAL - Category 5
EYE DAMAGE/IRRITATION - Category 2B
No OSHA Hazard Classifications Applicable - Category N/A
SENSITIZATION - SKIN - Category 1B

Signal Word
Warning

Pictogram

Page 1 of 7
Section 15. Regulatory Information

US Federal Regulations:
General Product Information
N.D.
Clean Air Act
This product does not contain any HAPs
Component Analysis
N.D.
Food & Drug Administration
N.D.
State Regulations: General
Product Information
N.D.
Component Analysis
N.D.
Other Regulations:
N.D.
Other Classifications:
N.D.
WHMIS (Canada):
N.D.
California Prop.65:
N.D.
CERCLA:
N.D.
SARA Title III Section 311/312 Hazard class:
Acute Health Hazard
SARA Title III Section 313 Chemicals:
This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Section 16. Other Information

Revision Date
5/29/2015

Legend
N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

Additional Information
The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees

Additional Information
NFPA 1-9-0

Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>9001-54-5</td>
<td>Benzalkonium Chloride</td>
<td>0.13%</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>5%</td>
</tr>
</tbody>
</table>

Occupational exposure limits, if available, are listed in Section 8.
Section 4. First-Aid Measures

General Advice: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and water; if irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If patient is conscious and alert, give large amounts of water. Get medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: In case of fire, use Carbon Dioxide (CO2) or Dry Chemical

Unsuitable Extinguishing Media: None known

Special Fire Fighting Procedures: Self contained breathing apparatus and full protective clothing recommended.

Section 6. Accidental Release Measures

Non-hazardous Small Spill: Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.

Non-hazardous Large Spill: Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.

Section 11. Toxicological Information

Acute Toxicity: Eye Contact: Causes acute eye irritation/damage
Acute Toxicity: Skin Contact: May cause irritation and/or redness.
Acute Toxicity: Inhalation: N.D.
Acute Toxicity: Ingestion: May cause irritation to mouth, throat and upset the gastrointestinal tract
Chronic Toxicity: Diethanolamine, Cocamide DEA, components of this product, have been designated by IARC as possibly carcinogenic to humans.
Carcinogenicity: IARC listed: Cocamide DEA (CAS#8603-42-9) IARC 2B IARC listed: Diethanolamine (CAS 111-42-2) IARC 2B
OSHA STEL: N.D.
ACGIH TLV: N.D.

Section 12. Ecological Information

Toxicity: N.D.
Persistence and degradability: N.D.
Bioaccumulative potential: N.D.
Mobility in soil: N.D.
Other adverse effects: N.D.

Section 13. Disposal

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

UN Number: N/A
UN Proper Shipping Name: Not regulated
DOT Classification: Not regulated
Packing Group: Not regulated
IMDG: Not regulated
IATA: N.D.
Section 8. Exposure Controls/Personal Protection

### Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>TWA: 200 ppm</td>
<td>TWA: 400 ppm</td>
<td>STEL: 500 ppm</td>
</tr>
</tbody>
</table>

### Personal Protective Equipment

- Respirator

### Engineering Controls: Ventilation

- Respiratory protection may be worn if ventilation does not eliminate symptoms or keeps levels below recommended exposure limits. If exposure limits are exceeded, wear: NIOSH-Approved organic respirator. NIOSH-Approved Supplied Air Respirator (SAR). NIOSH-Approved self-contained breathing apparatus. Do not exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator’s use.

### Skin Protection

- Wear protective gloves.

### Eye Protection

- Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

### Other protective equipment: Work/hygienic practices

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

---

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odor</td>
<td>Fragrance odour</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>N.D.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>N.D.</td>
</tr>
<tr>
<td>VOC%</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.98</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>0.9</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N.D.</td>
</tr>
<tr>
<td>Ph</td>
<td>6.99</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N.D.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>180° F</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>N.D.</td>
</tr>
<tr>
<td>LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>7</td>
</tr>
<tr>
<td>Flammability</td>
<td>N.D.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>N.D.</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>N.D.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N.D.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt; 2.0</td>
</tr>
</tbody>
</table>

---

Section 10. Stability and Reactivity

- Stability: Stable.
- Reactivity: Stable under normal conditions
- Incompatibility (Materials to Avoid): Strong oxidizing agents. Strong acids
- Hazardous Decomposition or Byproducts: Upon decomposition, this product may yield oxides of nitrogen and ammonia
- Hazardous Polymerization: N.D.
- Conditions to avoid: Strong oxidizing agents. Strong acids
Section 1: IDENTIFICATION: PRODUCT IDENTIFIER & IDENTITY FOR THE CHEMICAL

Product identifier: Crystal Simple Green® Industrial Cleaner & Degreaser
Other means of identification: Please see section 16

Recommended use of chemical: Cleaning and degreasing agent for all water safe surfaces.
Restrictions on use of chemical: Do not use on non-rinsable surfaces.

Details of manufacturer or importer:
Simple Green Australia Pty Ltd.
P.O. Box 1253 Golden Grove Village LPO
Golden Grove, SA 5125 Australia

Email: info@simplegreenaustralia.com
ACN: 18862416081
Telephone: 1300 826 470
Fax: 1300 826 473
Website: australia.simplegreen.com

Emergency Phone: 1300 826 470 Available Monday – Friday, 9am-5pm
13 11 26 Australia Poisons Information Centre, Available 24 hours a day, 7 days a week

Section 2: HAZARDS IDENTIFICATION

Classification of the hazardous chemical according to Model Work Health & Safety Regulations:
Not classified as hazardous.

Label Elements:
Signal Word: None
Pictogram: None

Hazard Statement: None
Precautionary Statement: None

Other hazards with do not result in classification: None known.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Percent Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 87%*</td>
</tr>
<tr>
<td>Ethoxylated Alcohol</td>
<td>68439-46-3</td>
<td>&lt; 5%*</td>
</tr>
<tr>
<td>Sodium Citrate</td>
<td>68-04-2</td>
<td>&lt; 5%*</td>
</tr>
<tr>
<td>Tetrasodium N,N-bis(carboxymethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>&lt; 1%*</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>77-92-9</td>
<td>&lt; 1%*</td>
</tr>
</tbody>
</table>

*exact percentage of ingredients are commercially confidential

Section 4: FIRST AID MEASURES

Description of necessary first aid measures

Inhalation: *Immediate and delayed symptoms* - Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

Skin contact: *Immediate and delayed symptoms* - Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact: *Immediate symptoms* – Not expected to cause eye irritation. If adverse effect occurs Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. *Delayed symptoms* – Proceed as with immediate symptoms.

Ingestion: *Immediate and delayed symptoms* - May cause upset stomach. Drink plenty of water to dilute. See section 11. For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.
Section 4: FIRST AID MEASURES - continued

First Aid Facilities: Eye wash station or treatment recommended.
Symptoms caused by exposure: No expected acute, delayed or aggravated conditions or symptoms from exposure to mixture.
Medical attention and special treatment: Treat symptomatically. No testing or monitoring for delayed effect required.

Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing equipment: Suitable- Use dry chemical, CO2, water spray or “alcohol” foam. Unsuitable- High volume jet water.
Specific hazards arising from the chemical: Formulation is non-flammable and will boil until evaporated.
Special protective equipment and precautions for fire fighters: Keep containers cool with water spray. Firefighters should wear self-contained breathing apparatus and full fire-fighting turn-out gear and eye protection.

See Section 16 for NFPA information

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Eyeglasses/ goggles and gloves recommended to prevent eye contact. Ensure sufficient ventilation. Area should be roped off to prevent slips and falls.

Environmental Precautions: Prevent runoff from entering drains, sewers, surface and ground water.

Methods and materials for containment and cleaning up: Cap or plug leaking containers. Cover all drains. Dike or soak up with inert absorbent material. Dispose of in appropriate waste containers. See Section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for safe handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye contact and spills. Observe good personal hygiene, including washing hands after use and before eating. Remove contaminated clothing and protective equipment before entering eating area. Prohibit eating, drinking and smoking in contaminated area (eg. If container is damaged). Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container.

Conditions for safe storage, including any incompatibilities: Store in cool, dry, well-ventilated area, removed from oxidizing agents, acids and foodstuffs. Ensure containers are adequately labeled and protected from physical damage when not in use. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters
Exposure standards: No components listed with TWA or STEL values.
Biological monitoring: Not provided.
Appropriate engineering controls: Use in well ventilated areas and have eyewash stations, eyewash treatments, or showers available.

Personal protective equipment (PPE)
Eye and Face Protection: Safety glasses, goggles or shields recommended.
Skin Protection: Not necessary. PVC or nitrile gloves suggested for individuals prone to dry skin.
Respiratory Protection: Not necessary.
Thermal Hazards: Not applicable.
### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear Colourless Liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>No added odour</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH ASTM D-1293</td>
<td>9.8 – 10.8</td>
</tr>
<tr>
<td>Freezing Point ASTM D-1177</td>
<td>0-3.33°C (32-38°F)</td>
</tr>
<tr>
<td>Boiling Point &amp; Range ASTM D-1120</td>
<td>101°C (213.8°F)</td>
</tr>
<tr>
<td>Flash Point ASTM D-93</td>
<td>&gt; 212°F</td>
</tr>
<tr>
<td>Evaporation Rate ASTM D-1901</td>
<td>½ Butyl Acetate @ 25°C</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Upper/Lower Flammability or Explosive Limits</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Vapor Pressure ASTM D-323</td>
<td>0.60 PSI @77°F, 2.05 PSI @100°F</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>109°F</td>
</tr>
<tr>
<td>Specific Gravity ASTM D-891</td>
<td>1.01 – 1.03</td>
</tr>
<tr>
<td>VOCs</td>
<td>**Water &amp; fragrance exemption in calculation</td>
</tr>
<tr>
<td>SCAQMD 304-91 / EPA 24</td>
<td>0 g/L 0%</td>
</tr>
<tr>
<td>CARB Method 310**</td>
<td>4 g/L 0.4%</td>
</tr>
<tr>
<td>SCAQMD Method 313</td>
<td>Not determined</td>
</tr>
<tr>
<td>VOC Composite Partial Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Relative Density ASTM D-4017</td>
<td>8.34 – 8.42 lb/gal</td>
</tr>
<tr>
<td>Solubility</td>
<td>100% in water</td>
</tr>
</tbody>
</table>

### Section 10: STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Non-reactive</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under normal conditions 21°C (70°F) and 14.7 psig (760 mmHg).</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Excessive heat or cold.</td>
</tr>
<tr>
<td>Incompatible materials and possible hazardous reactions</td>
<td>None known.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>None known.</td>
</tr>
</tbody>
</table>

### Section 11: TOXICOLOGICAL INFORMATION

**Information on Routes of Exposure:**
- **Inhalation -** Overexposure may cause headache.
- **Skin Contact -** Not expected to cause irritation, repeated contact may cause dry skin.
- **Eye Contact -** Causes mild eye irritation.
- **Ingestion -** May cause upset stomach.

**Early onset symptoms related to exposure:** No symptoms expected under typical use conditions.

**Delayed health effects from exposure:** No symptoms expected under typical use conditions. Overexposure may lead to headache and dry skin.

**Numerical Measures of Toxicity**

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>Oral LD$_{50}$ (rat) &gt; 5 g/kg body weight</td>
</tr>
<tr>
<td></td>
<td>Dermal LD$_{50}$ (rabbit) &gt; 5 g/kg body weight</td>
</tr>
</tbody>
</table>

*Calculated via OSHA HCS 2012 / Globally Harmonized System of Classification and Labelling of Chemicals*

**Skin Corrosion/Irritation:** Non-irritant per Dermal Irritaction® assay modeling. No animal testing performed.

**Eye Damage/Irritation:** Minimal irritant per Ocular Irritaction® assay modeling. No animal testing performed. GHS category 2B not recognized as hazardous by Safe Work Australia

**Respiratory or skin sensitization:** No ingredients trigger or classify under this category.

**Germ Cell Mutagenicity:** No ingredients trigger or classify under this category.

**Carcinogenicity:** No ingredients trigger or classify under this category under NTP, IARC.

**Reproductive Toxicity:** No ingredients trigger or classify under this category.

**STOT-Single Exposure:** No ingredients trigger or classify under this category.

**STOT-Repeated Exposure:** No ingredients trigger or classify under this category.

**Aspiration Hazard:** No ingredients trigger or classify under this category.

**Exposure levels:** No ingredients have recognized exposure levels

**Interactive effects:** Not known.

**Data limitations:** There are no data limitations when assessing this mixture.
Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

Aquatic: Aquatic Toxicity - Low, based on OECD 201, 202, 203 + Microtox: EC50 & IC50 ≥100 mg/L. Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

Terrestrial: Not tested on finished formulation.

Persistence and Degradability: Readily Biodegradable per OCED 301D, Closed Bottle Test

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Safe handling and disposal methods

Unused or used liquid: may be considered hazardous in your area depending on usage and tonnage of disposal – check with local council and/or state environmental authority for advice on disposal of chemicals.

Disposal of packaging

Contaminated packaging: may be considered hazardous in your area depending on usage and tonnage of disposal – check with local council and/or state environmental authority for advice on disposal of chemicals.

Empty non-contaminated packaging: may be offered for recycling.

Environmental regulations

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

U.N. Number: Not applicable

U.N. Proper Shipping Name: Cleaning Compound, Liquid NOI

Transport Hazard Class(es): Not applicable

Packing Group: Not applicable

Environmental Hazards: Marine Pollutant - NO

Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code): Unknown.

Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises:

Additional information: None known.

Hazchem or Emergency Action Code: No Hazchem or action code applies to this mixture.


ICAO/ IATA: Not classified as Hazardous

IMO / IMDG: Not classified as Hazardous

ADR/RID: Not classified as Hazardous

Section 15: REGULATORY INFORMATION

Is the hazardous chemical subject to

Montreal Protocol (Ozone depleting substances): No

The Stockholm Convention (Persistent Organic Pollutants): No

The Rotterdam Convention (Prior Informed Consent): No

Basel Convention (Hazardous Waste): No

International Convention for the Prevention of Pollution form Ships (MARPOL): No

AICS: All chemicals listed on the Australian Inventory of Chemical Substances (AICS)

Poison Schedule: A poison schedule number has not been allocated to this product using the criteria in the standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)
Section 16: OTHER INFORMATION

Manufacturer’s Part Numbers
19001N - 20 litre
19054N - 208 litre
19275N - 1040 litre

NFPA:
Health – No hazards       Stability – Stable
Flammability – Non-flammable Special - None

Prepared / Revised By: Sunshine Makers, Inc., Regulatory Department.
This SDS has been revised in the following sections: Separation of part numbers and GHS classification

DISCLAIMER: The information provided with this MSDS is furnished in good faith and without warranty of any kind. Personnel handling this material must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of this material and the safety and health of employees and customers. Sunshine Makers, Inc. assumes no additional liability or responsibility resulting from the use of, or reliance on this information.