

Safety Data Sheet

Issue Date: 25-Feb-2015

Revision Date: 06-May-2015

Version 1

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

Chemical Name	CAS No	Weight-%
Sodium Polyacrylate, lightly cross linked	046774-25-9	92-95
Water	7732-18-5	2-8
Hydrophobic Fumed Silica	68611-44-9	0-0.3
Acrylic acid	79-10-7	<0.08
Fragrance	Proprietary	Proprietary

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.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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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**

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice.

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acrylic acid 79-10-7	TWA: 2 ppm S*	(vacated) TWA: 10 ppm (vacated) TWA: 30 mg/m ³ (vacated) S*	TWA: 2 ppm TWA: 6 mg/m ³

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

Physical State	Solid	Odor	Slight citrus
Appearance	Off white powder	Odor Threshold	Not determined
Color	Off white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	0.7	
Water Solubility	Insoluble in water	
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 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.

Hazardous Decomposition Products

Smoke, fumes or vapors, and oxides of carbon.

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

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acrylic acid 79-10-7	= 33500 µg/kg (Rat) = 193 mg/kg (Rat)	= 280 µL/kg (Rabbit) = 295 mg/kg (Rabbit)	= 3.6 mg/L (Rat) 4 h = 11.1 mg/L (Rat) 1 h

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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Acrylic acid 79-10-7		Group 3		

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

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

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Acrylic acid 79-10-7	0.38 - 0.46

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.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acrylic acid 79-10-7				U008

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

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Water	Present	X		Present			X	Present	X	X
Hydrophobic Fumed Silica	Present	X		Present		Present	X	Present	X	X
Acrylic acid	Present	X		Present		Present	X	Present	X	X
Fragrance	Present	X		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

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acrylic acid 79-10-7	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Acrylic acid - 79-10-7	79-10-7	<0.08	1.0

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acrylic acid 79-10-7	X	X	X

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	Not determined	Not determined	Not determined	Not determined

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 Address Medline Industries, Inc.
One Medline Place
Mundelein, IL, 60060
USA
Phone (800) 633-5463
Emergency Phone (800) 424-9300
Fax (847) 643-4436
CHEMTREC CHEMTREC
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
Warning

Signal Word
Pictogram



Hazard Statements

Causes eye irritation
May be harmful if swallowed
May be harmful in contact with skin
May cause an allergic skin reaction

Precautionary Statements

Response
Call a poison center/doctor/ ... (if you feel unwell).
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Wash with plenty of water/ ...
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see ... on this label)
Wash contaminated clothing before reuse.
Prevention
Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wash ...thoroughly after handling.
Wear protective gloves.
N/A
Dispose of contents/container to ...

Storage
Disposal

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
8001-54-5	Benzalkonium Chloride	0.13 %
67-63-0	Isopropyl alcohol	5 %

Occupational exposure limits, if available, are listed in Section 8.

Section 15. Regulatory Information

US Federal Regulations: N.D.
General Product Information
US Federal Regulations: This product does not contain any HAPs
Clean Air Act
US Federal Regulations: N.D.
Component Analysis
US Federal Regulations: N.D.
Food & Drug Administration
State Regulations: General
Product Information
State Regulations: N.D.
Component Analysis
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 1-0-0

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#68603-42-9) 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 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 Media
Unsuitable Extinguishing Media None known
Special Fire Fighting Procedures: Self contained breathing apparatus and full protective clothing recommended.
Unusual Fire and Explosive Hazards: None known

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 7. Handling and Storage

Handling Non-hazardous: This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
Storage Non-hazardous: Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Benzalkonium Chloride	N/A	N/A	N/A
	Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm STEL: 500 ppm	N/A

Personal Protective Equipment

Engineering Controls:

Respiratory Protection:

Respirator

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.

Wear protective gloves

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

Physical State	Liquid
Color	Colourless transparent solution
Odor	Fragrance odour
Odor Threshold	N.D.
Solubility	Soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	0.98
Density lbs/Gal	0.9
Pounds per Cubic Foot	N/A
Flash Point	N.D.
FP Method	N.D.
Ph	6.99
Melting Point	N.D.
Boiling Point	180° F
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	7
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	> 2.0

Section 10. Stability and Reactivity

Stability:

Stable.

Stable under normal conditions

Reactivity: Incompatibility (Materials to Strong oxidizing agents. Strong acids

Avoid):

Hazardous Decomposition or Byproducts: Upon decomposition, this product may yield oxides of nitrogen and ammonia

Hazardous Polymerization

Conditions to avoid: N.D.

Strong oxidizing agents. Strong acids

Safety Data Sheet: Crystal Simple Green® Industrial Cleaner & Degreaser

Version No. 19275-16A Issued: 1 August 2016

Supersedes 1 May 2016

Prior version no: 19000-16A

Model Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals 23/12/2011

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

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

*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.

Safety Data Sheet: **Crystal Simple Green® Industrial Cleaner & Degreaser**

Version No. 19275-16A Issued: 1 August 2016

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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 adsorbent 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.

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Model Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals 23/12/2011

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Section 10: STABILITY AND REACTIVITY

Reactivity:	Non-reactive.
Chemical stability:	Stable under normal conditions 21°C (70°F) and 14.7 psig (760 mmHg).
Conditions to avoid:	Excessive heat or cold.
Incompatible materials and possible hazardous reactions:	None known.
Hazardous decomposition products:	None known.

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

Acute Toxicity:	Oral LD ₅₀ (rat)	> 5 g/kg body weight
	Dermal LD ₅₀ (rabbit)	> 5 g/kg body weight

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

Skin Corrosion/Irritation:	Non-irritant per Dermal Irritation® assay modeling. No animal testing performed.
Eye Damage/Irritation:	Minimal irritant per Ocular Irritation® 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.

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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:** None known.
- Additional information:** Unknown.
- Hazchem or Emergency Action Code:** No Hazchem or action code applies to this mixture.
- U.S. (DOT) / Canadian TDG:** Not Regulated for shipping. **ICAO/ IATA:** Not classified as Hazardous
- IMO / IDMG:** 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 from 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)

Safety Data Sheet: **Crystal Simple Green® Industrial Cleaner & Degreaser**

Version No. 19275-16A Issued: 1 August 2016

Supersedes 1 May 2016

Prior version no: 19000-16A

Model Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals 23/12/2011

Section 16: OTHER INFORMATION

Manufacturer's Part Numbers

19001N - 20 litre
19054N - 208 litre
19275N - 1040 litre

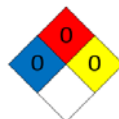
NFPA:

Health – No hazards

Flammability – Non-flammable

Stability – Stable

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.