

SAFETY DATA SHEET
Softcare Defoam- 0270

Product Name: Softcare Defoam

Date: 2/5/2016

SECTION 1 **IDENTIFICATION**

Supplier: Phoenix Products Company
55 Container Drive
Terryville, CT 06786
(860) 589-7502

Distributor: Essentials
5070 Wallace Drive
Cumming, GA 30041
(626) 305-1182

U.S. Emergency Telephone: 1-800-222-1222

Product Name: **Defoam**

Synonyms: Silicone Emulsion

Chemical Name: Polydimethylsiloxane

Chemical Formula: Not Available

CAS Number: 63148-18-5

Product Use: Reduces foam in spas and hot tubs.

SECTION 2 **HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW

OSHA Regulatory Status: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Health: 0

Flammability: 0

Reactivity: 0

Special: 0

0 = minimal 1= slight 2=moderate 3= serious 4= severe

Route(s) of Entry

Inhalation: No inhalation hazard identified from data available.

Skin Contact: May cause irritation and reddening; rinse skin with water.

Ingestion: No adverse effect expected.

Eye Contact: May cause irritation or reddening.

Target Organs: None known

Effects of Overexposure: Contact with the eyes may cause irritation. Ingestion will cause mouth, throat and gastrointestinal irritation. Inhalation of harmful levels of vapors is unlikely due to the relatively low vapor pressure and the relatively low concentrations of ingredients.

Acute Effects of Overexposure: None known.

Chronic: None known.

Medical Conditions Generally Aggravated by Long-Term Exposure: None expected.

Chronic Effects: None known

Carcinogenicity

NTP: None known

IARC Monographs: None known

OSHA Regulations: None known

ACGIH: None known

SECTION 3 **COMPOSITION, INFORMATION ON INGREDIENTS**

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<u>Component</u>	<u>CAS Number</u>	<u>Percent</u>
Polydimethylsiloxane	63148-18-5	2%

SECTION 4 **FIRST-AID MEASURES**

Eye Contact: Flush eyes with large amounts of water for 15 minutes. If irritation persists, get medical attention.

Skin Contact: Wash affected area thoroughly with soap and water. Remove contaminated clothing, rings, etc.

Ingestion: Give several glasses of water to dilute. Do not induce vomiting.

Inhalation: None required.

SECTION 5 **FIRE FIGHTING MEASURES**

Unusual Fire Fighting Procedures: None required; non-flammable product.

Flash Point: None detected.

Flash Point Method: Pensky Martens

Burning Rate: Does not burn.

Auto ignition Temperature: Not available.

Flammable Limits in Air (% by volume): Not applicable.

LEL: Not applicable.

UEL: Not applicable.

Flammability Classification: Not flammable.

Unusual Fire or Explosion Hazards: Closed containers may rupture or explode due to steam pressure build-up when exposed to extreme heat. Water may be used to cool closed containers.

Unusual Fire Fighting Procedures: None required.

SECTION 6 **ACCIDENTAL RELEASE MEASURES**

Spill/Leak Procedures: Recover usable material by convenient method; residual may be removed by wipe or wet mop.

Small Spills: Small spills should be absorbed with a suitable inert material (sand, earth, clay, etc.). Remove the absorbed material and place in an appropriate chemical waste container for disposal.

Large Spills: For large spills, dike and pump into suitable containers. Clean up residual water.

Containment: For large spills, dike far ahead of liquid spill for later disposal.

Regulatory Requirements: Follow applicable Federal, State and Local regulations.

SECTION 7 **HANDLING AND STORAGE**

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Handling Precautions: Wear impermeable gloves and other protective clothing to avoid prolonged or repeated skin contact. When handling, wear eye protection.

Storage Requirements: Keep containers tightly closed when not in use.

SECTION 8 **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control Parameters: No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

Engineering Controls

Ventilation: Provide general or local exhaust ventilation systems.

Administrative Controls

Respiratory Protection: Respirator not needed.

Protective Clothing/Equipment: Where skin contact may occur, chemical-impervious gloves should be worn. Use chemical goggles or full face shield when the danger of splashing exists. Rubber apron or similar protective clothing to prevent contact with skin or clothes.

Work and Hygienic Practices: Wash or rinse hands before touching eyes or contact lenses, and before eating.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Avoid contact with skin, eyes and clothing. Do not take internally. Clean up spills immediately. Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9 **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and odor:	Thick white liquid with very little odor.
Boiling Point (760 mm Hg):	212°F (at 760 mm Hg)
Freezing Point:	32°F
Specific Gravity (water =1):	0.99
Percent Organic Volatiles by Volume:	0
Evaporation Rate (butyl acetate =1):	<1
Solubility in Water (% by wt):	Miscible
Vapor Pressure (at 20°C):	Not Determined
pH:	7.0-8.0

SECTION 10 **STABILITY AND REACTIVITY**

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Stability: Stable

Polymerization: Will not occur.

Chemical Incompatibilities: None.

Conditions to Avoid: Heat, sparks, open flame and other ignition sources.

Hazardous decomposition products: Thermal decomposition may produce carbon monoxide, carbon dioxide and oxides of silicon.

SECTION 11 **TOXICOLOGICAL INFORMATION**

Eye Effects: May cause irritation and reddening. Immediately rinse eyes with large quantities of water; continue 10-15 minutes or until the material has been removed; be sure to remove contact lenses, if present and to lift upper and lower lids during rinsing. Get medical attention if irritation persists.

Skin Effects: May cause irritation; rinse skin with water, rinse shoes and launder clothing before use. Reversible reddening may occur in some dermal-sensitive users, thoroughly rinse area and get medical attention.

Acute Inhalation Effects: Exposures to concentrate-mist may cause mild irritation of nasal passages or throat; remove to fresh air. Get medical attention if irritation persists.

Acute Oral Effects: May be irritating to mouth, throat and stomach. May cause gastric tract disorder and/or damage in large quantities. Give several glasses of water to dilute; do not induce vomiting. If stomach upset occurs, consult physician.

Chronic Effects: None known

Carcinogenicity: Neither product nor its ingredients are listed by IARC, NTD or OSHA

Mutagenicity: Not mutagenic

Teratogenicity: Not Teratogenic

SECTION 12 **ECOLOGICAL INFORMATION**

Ecotoxicity: Not determined

Environmental Fate: Decomposes to carbon, oxygen, nitrogen and water.

Environmental Degradation: Biodegradable

Soil Absorption/Mobility: Not determined

SECTION 13 **DISPOSAL CONSIDERATIONS**

Waste disposal method: Sanitary landfill or incinerate in approved facilities in accordance with local, state and federal regulations.

Disposal Regulatory Requirements: Shipments of waste material may be classified as hazardous and subject to manifesting requirements through applicable regulatory agency.

Container Cleaning and Disposal: Containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations

SECTION 14 **TRANSPORTATION DATA**

DOT: Not Dangerous Goods

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TDG: Not Dangerous Goods

MEX: Not Dangerous Goods

IMDG: Not Dangerous Goods

IATA: Not Dangerous Goods

SECTION 15 **REGULATORY INFORMATION**

EPA Regulations

RCRA Hazardous Waste Number and RCRA Hazardous Waste Classification: Not applicable.

CERCLA Hazardous Substance and CERCLA Reportable Quantity: Not applicable.

SARA Toxic Chemical and SARA EHS: Contains no components at a level that could require reporting under "SARA" Section 313.

OSHA Regulations: Must comply with OSHA standard 29 CFR 1910.1200 (employee right to know).

SECTION 16 **ADDITIONAL INFORMATION**

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers.

Date: 2/5/2016
Phoenix Products Company