

### ABC O Silicone Defoamer

SDS Number: 99

Revision Date: 12/26/2014

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

ABC O Products of Sacramento  
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 Sacramento, CA 95818

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**Product Name:** ABC O Silicone Defoamer  
**Revision Date:** 12/26/2014  
**Version:** 1  
**SDS Number:** 99  
**Common Name:** Silicone Emulsion  
**CAS Number:** MIXTURE  
**Product Code:** ABC O SM-SDF  
**Chemical Family:** Silicone Emulsion  
**Chemical Formula:** \*\*\* PROPRIETARY \*\*\*  
**Product Use:** High Performance Liquid Defoamer  
**Emergency Phone:** +1-800-424-9300 (CHEMTREC)

## 2 HAZARDS IDENTIFICATION

NFPA:  
 HMIS III:

Health = 1, Fire = 1, Reactivity = 0  
 H1/F1/PH0



HMIS III	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B   Safety Glasses, Gloves	

PERSONAL PROTECTION INDEX			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions
A		n	
n		o	
o		p	
p		q	
q		r	
r		s	
t		u	
u		w	
w		y	
y		z	
z			Additional Information

GHS Signal Word:  
 WARNING

GHS Classifications:  
 Health, Acute toxicity, 5 Oral  
 Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Phrases:  
 H303 - May be harmful if swallowed  
 H320 - Causes eye irritation

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**GHS Precautionary Statements:**

- P262 - Do not get in eyes, on skin, or on clothing.
- P264 - Wash skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P281 - Use personal protective equipment as required.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P337+313 - If eye irritation persists: Get medical advice/attention.
- P403+233 - Store in a well ventilated place. Keep container tightly closed.
- P501 - Dispose of contents/container to an approved waste disposal plant.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas #	Percentage	Chemical Name
N/A	87-93%	Proprietary, non-hazardous, non-regulated
63148-62-9	7-13%	Siloxanes and Silicones, di-Me

### 4 FIRST AID MEASURES

- Inhalation:** Give oxygen or artificial respiration if needed. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
- Skin Contact:** No health effects expected. As a precaution, promptly flush skin with water for at least 5 minutes to ensure all chemical is removed. If reddening develops and/or persists, obtain medical attention.
- Eye Contact:** Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. If irritation persists, obtain medical attention.
- Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If irritation or discomfort occurs, obtain medical attention.

**Most important symptoms and effects, both acute and delayed:**

The most important known symptoms and effects are described in the labelling (see Section 2) and/or Section 11.

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

No data available.

### 5 FIRE FIGHTING MEASURES

- Flammability:** No data available
- Flash Point:** > 214° F (101.1° C)
- Flash Point Method:** (TCC)
- Burning Rate:** No data available
- Autoignition Temp:** No data available
- LEL:** No data available

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**UEL:** No data available**Extinguishing Media:**

Water Spray  
Carbon Dioxide  
Alcohol-Resistant Foam  
Dry Chemical

**Special Hazards Arising From the Substance or Mixture:**

Carbon Oxides  
Silicon Oxides

**Advice for Firefighters:**

Firefighters should wear full-face, positive-pressure respirators.

**Further Information:**

If incinerated, may release toxic fumes.  
Use water spray to cool unopened containers.  
See Section 7 for more information on safe handling.  
See Section 8 for more information on personal protection equipment.  
See Section 13 for disposal information.

**6****ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment.  
Keep from contacting skin or eyes.  
Avoid breathing vapors, mist or gas.  
Ensure adequate ventilation.  
Avoid stepping in spilled material, as it presents a slipping hazard.  
Evacuate personnel to safe areas.

**Environmental precautions:**

Prevent further release (leakage/spillage) if safe to do so.  
Do not allow product to enter drains.  
Do not allow to drain to environment.

**Methods and materials for containments and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).  
Place contaminated material into suitable, closed containers for disposal.  
Dispose of contaminated material according to Section 13.  
After spillage has been collected, area may be flushed with water or wet-brushed.  
Final cleaning may require use of steam solvents or detergents.  
Ensure adequate ventilation.

**Reference to other sections:**

Comply with federal, state and local regulations on reporting spills.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on proper disposal.

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## 7 HANDLING AND STORAGE

- Handling Precautions:**
- Avoid breathing vapors or mist.
  - Avoid contact with eyes, skin, or clothing.
  - Use approved, original containers only.
  - Keep containers closed when not in use.
  - Do not expose containers to open flame, excessive heat, or direct sunlight.
  - Do not puncture or drop containers.
  - Handle with care and avoid spillage on the floor.
  - Keep material out of reach of children.
  - Keep material away from incompatible materials.
  - Wash thoroughly after handling.
  - Ensure adequate ventilation.
- Storage Requirements:**
- Keep away from heat, sparks and flames.
  - Do not store in direct sunlight.
  - Store only in original container.
  - Store away from strong acids, strong bases and strong oxidizing agents.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.
- Personal Protective Equip:**
- Eye/face protection:**  
When using material use safety glasses according to HMIS PP, B. All safety equipment should be tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
- Skin protection:**  
Handle with gloves made from Neoprene, Nitrile or Buna rubber. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves according to applicable laws and laboratory practices.
- Body Protection:**  
Chemically resistant safety glasses and gloves are recommended. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.
- Respiratory protection:**  
Full-face dust/vapor respirator may be required as backup to engineering controls when proper engineering controls are not in place to keep TLV and PEL limits below defined thresholds.
- Control of environmental exposure:**  
Prevent leakage or spillage if safe to do so. Do not let material enter drains.

**Components with workplace control parameters:**

Contains no substances with occupational exposure limit values.

**Biological occupational exposure limits:**

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Contains no substances with biological occupational exposure limits values.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White Liquid	<b>Odor:</b>	Slight
<b>Physical State:</b>	Liquid	<b>Molecular Formula:</b>	MIXTURE
<b>Odor Threshold:</b>	Not determined	<b>Solubility:</b>	Dispersible
<b>Particle Size:</b>	No data available	<b>Softening Point:</b>	Not determined
<b>Spec Grav./Density:</b>	1.000 g/ml (8.345 lbs/gal)	<b>Percent Volatile:</b>	Not determined
<b>Viscosity:</b>	800 cP	<b>Heat Value:</b>	Not determined
<b>Sat. Vap. Conc.:</b>	DNA	<b>Freezing/Melting Pt.:</b>	< 0 °C (32 °F)
<b>Boiling Point:</b>	> 100 °C (212 °F)	<b>Flash Point:</b>	> 101.1° C (214° F)
<b>Flammability:</b>	(solid, gas): Not determined	<b>Octanol:</b>	Not determined
<b>Partition Coefficient:</b>	Not determined	<b>Vapor Density:</b>	(air = 1): Not determined
<b>Vapor Pressure:</b>	(mm Hg @ 20 °C): 24	<b>VOC:</b>	DNA
<b>pH:</b>	@ 1%: 7.0 - 7.2	<b>Bulk Density:</b>	Not determined
<b>Evap. Rate:</b>	(Butyl Acetate = 1): Not determined	<b>Auto-Ignition Temp:</b>	Not determined
<b>Molecular weight:</b>	MIXTURE	<b>UFL/LFL:</b>	DNA
<b>Decomp Temp:</b>	Not determined		

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Incompatibilities, flames, ignition sources.
<b>Materials to Avoid:</b>	Strong acids, bases and oxidizing agents.
<b>Hazardous Decomposition:</b>	Carbon Oxides and Silicon Oxides.
<b>Hazardous Polymerization:</b>	Will not occur.

## 11 TOXICOLOGICAL INFORMATION

**Component(s):** Siloxanes and Silicones, di-Me  
**CAS No(s):** 63148-62-9

**Acute Toxicity:** No data available.

**Skin Corrosion/Irritation:** Rabbit skin - Causes mild skin irritation (24 h).

**Serious Eye Damage/Eye Irritation:** Rabbit eyes - Causes mild eye irritation (24 h).

**Respiratory or Skin Sensitation:** No data available.

**Germ Cell Mutagenicity:** No data available.

### Carcinogenicity:

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

**ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive Toxicity:** No data available.

**Specific Target Organ Toxicity - Single Exposure:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure:** No data available.

**Aspiration Hazard:** No data available.

**Additional Information:**

Component: Siloxanes and Silicones, di-Me; RTECS: JT6485000

## 12

### ECOLOGICAL INFORMATION

**Component(s):** Siloxanes and Silicones, di-Me

**CAS No(s):** 63148-62-9

**Toxicity:**

*Toxicity to fish:*

LC50 - *Ictalurus punctatus* (Channel Catfish): 3.16 mg/l (96 h)

LC50 - *Lepomis microlophus* (Redear Sunfish): 37.79 mg/l (96 h)

*Toxicity to daphnia and other aquatic invertebrates:*

EC50 - *Daphnia magna* (Water Flea): 44.50 mg/l (48 h)

**Persistence and Degradability:**

No data available.

**Bioaccumulative potential:**

No data available.

**Mobility in Soil:**

No data available.

**Results of PBT and vPvB assessment:**

Not required/conducted.

**Other Adverse Effects:**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

## 13

### DISPOSAL CONSIDERATIONS

Product: Hazardous wastes shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

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#### 14 TRANSPORT INFORMATION

**DOT (US)**

Non-regulated material, liquid

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 15 REGULATORY INFORMATION

## COMPONENT / (CAS/PERC) / CODES

\*Siloxanes and Silicones, di-Me (63148629 7-13%) NJHS, PA, TSCA

## REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
TSCA = Toxic Substances Control Act

#### 16 OTHER INFORMATION

**Disclaimer:**

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that ABCO Products of Sacramento believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of ABCO Products of Sacramento's control, ABCO Products of Sacramento makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.

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