



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** DSC Defoamer (Silicone Based)
- **Manufacturer:** Deep South Chemical, Inc.
229 Millstone Road
Broussard, LA 70518 (337) 837-9931
- **For Emergency :** Call CHEMTREC 1-800-424-9300
Outside the U.S.A. (703)-527-3887
- **Chemical Family:** Formulated Product
- **Formula:** Proprietary Mixture
- **MSDS Revised:** January 1, 2014

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances classified under CHIP

Hazardous components	CAS Number	%	PEL (OSHA)		TLV (ACGIH)		IDLH
			TWA	STEL	TWA	STEL	
Octyldodecanol	5333-42-6	1-5	N/E	N/E	N/E	N/E	N/E
Fatty Acid Ester of Polyhydric Alcohol	8001-22-7	1-5	N/E	N/E	10mg/m ³ N/E		N/E
Antifoam Compound	Mixture	7-15	N/E	N/E	N/E	N/E	N/E

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure:

Inhalation: Inhalation of vapors may be irritating to the nose and throat.

Eye Contact: Can cause eye irritation.

Skin Contact: Irritating to skin.

Ingestion: Irritation of the mouth, throat, and digestive tract.

SECTION 4. FIRST AID MEASURES

Eyes: Move victim away from exposure and into fresh air. Seek medical attention. For direct exposure, flush with clean water for 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface.

Inhalation: Move victim away from source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing, artificial respiration should be administered.

Skin: Remove contaminated clothes. Cleanse affected area thoroughly with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing.

Ingestion: Give plenty water and induce vomiting. If victim is drowsy or unconscious, place on left side with head down. Seek medical attention.

Safety phrase: S 24/25, 26,28.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures: Use dry chemical, water spray, or alcohol resistant foam to extinguish fire.

Special fire fighting procedures: Water spray to cool drums.

Explosive Properties:

LEL: N/D

UEL: N/D

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Soak up on absorbent, inert material. For large spills, dike area and place into suitable containers. Do not allow to enter drains or waterways. Wear appropriate personal protective equipment.

Waste disposal method: Dispose of according to local, state and federal regulations in an approved disposal facility or recycling facility.

SECTION 7. HANDLING AND STORAGE

Storage: Keep container tightly closed when not in use. Store in cool dry place. Protect from freezing.

Handling: Avoid contact with skin or eyes. When handling do not eat, drink or smoke. Prevent static buildup and discharge. Keep away from potential sources of ignition.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Keep work area well ventilated.

Personal respirators: Use appropriate respiratory protection when handling.

Protective clothing: Impermeable gloves and impervious clothing as appropriate to prevent skin contact.

Eye protection: Chemical goggles and/or a full face shield where splashing may occur.

Special Protection: Safety shower, eye bath and washing facilities should be available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 75°F (H₂O = 1): 0.991

Vapor density (Air = 1): 0.6

Solubility: Dispersible

Vapor pressure @ 75°F: 17mmHg

Evaporation Rate: N/D

Appearance and Odor: Opaque White Liquid, Mild Odor

Boiling Point: 100°C (212°F)

Freezing Point: 32°F

Percent Volatile by Volume: N/D

pH: N/D

Auto-ignition: N/D

Flash Point: N/D

Partition Coefficient, N-Octanol/Water: <3.0

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatibility/Materials: Strong oxidizing agents.

Hazardous Decomposition Products: SiO₂, formaldehyde, oxides of carbon, and various hydrocarbon fragments.

Hazardous polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Immediate Health Effects: N/D

Delayed Health Effects: N/D

Acute Effects (Short term): N/D

Chronic Effects (Long term): N/D

SECTION 12. ECOLOGICAL INFORMATION

Degradation: N/D

UK OCNS CATEGORY: N/D

MARINE POLLUTANT (IMDG Code): No

SECTION 13. DISPOSAL CONSIDERATIONS



Disposal of waste materials: Dispose of in compliance with local, state, and federal regulations.
Disposal of waste containers: Recycle, clean out residues.
Statutory Notification Required: None in UK.

SECTION 14. TRANSPORT INFORMATION

DESIGNATION: -
UN NUMBER: N/A
IATA CLASSIFICATION: N/A
IMDG CLASSIFICATION: N/A
SPECIAL PRECAUTIONS RE CARRIAGE: N/A
SYMBOLS: Not hazardous by D.O.T regulations
SHIPPING: Defoamer

SECTION 15. REGULATORY INFORMATION

Toxic Substances Control Act (TCSA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ-40 CFR 302.4(a)

<u>Component</u>	<u>CERCLA RQ (lbs)</u>
None	

SARA 302 Components-40 CFR 355 Appendix A

<u>Component</u>	<u>TPQ(Threshold Planning Quantity) (lbs)</u>
None	

Section 311/312 Hazard Class-40 CFR 370.2

Immediate (X)
Delayed ()
Fire ()
Reactive ()
Sudden Release of Pressure ()

SARA 313-40 CFR 372.65

<u>Component</u>	<u>CAS Number</u>	<u>%(by weight)</u>
None		

SUPPLY LABEL SYMBOLS: Xi-Irritant

RISK AND SAFETY PHRASES: Non-Combustible

R 36/38-Irritating to eyes and skin.

S 24/25-Avoid contact with skin and eyes.

S 26-IN CASE OF CONTACT WITH EYES: Rinse immediately with plenty of water and seek medical advice. **S28-** After contact with skin, wash immediately with plenty of soap and water.

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (2) Fire (0) Reactivity (0)

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