

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** DSC 2000 SI
- **Product Description:** Scale Inhibitor
- **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**
- **Contact Person:** Glenn Ray
- **Formula:** Proprietary
- **MSDS Revised:** January 5, 2014

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>CAS Number</u>	<u>%</u>	<u>PEL(OSHA)</u>		<u>TLV(ACGIH)</u>		<u>IDLH</u>
			<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
Phosphate Ester	68131-71-5	Conf.	No Data		No Data		No Data

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure

Inhalation: This product may cause irritation to nose, throat, and respiratory tract

Skin Contact: Can cause severe irritation and burns to the skin.

Eye Contact: Can cause severe irritation and burns to the eyes.

Ingestion: There may be irritation of the mouth, throat, and digestive tract.

SECTION 4. FIRST AID MEASURES

Eyes: 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 for at least 15 minutes. If irritation persists, seek medical attention. Wash contaminated clothing.

Ingestion: Drink large amounts of water to dilute corrosive agents. If vomiting occurs, continue to drink water and seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point(PMCC Method)(°F): >200

Fire fighting measures

Extinguishing Media: Dry powder, CO₂, alcohol foam, water fog, cool with water.

Decomposition/Combustion Products: Smoke, carbon monoxide, carbon dioxide, oxides of phosphorous and oxides of nitrogen.

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: Use proper personal protective equipment. Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If

spill is indoors, ventilate area. Keep out of drains, sewers or waterways. Use sand or other inert material to contain and soak up spill.

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: Store in a well-ventilated area. Keep container tightly closed when not in use. Store at room temperature (70° to 90°F) in a dry area. Keep away from sources of ignition.

Handling: Use proper personal protective equipment. Avoid contact with skin or eyes. Avoid breathing of vapors. Handle in well-ventilated workspace. When handling, do not eat, drink, or smoke.

Other precautions: Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other sources of ignition.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Keep work area well ventilated.

Protective clothing: Impervious gloves and impervious clothing.

Eye protection: Chemical goggles or face shield where splashing may occur.

Respiratory Protection: NIOSH approved Organic Vapor Mask recommended.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 75°F(H₂O = 1): 1.12-1.14

Flash Point(PMCC Method)(°F): >200

Vapor density (Air = 1): > 1, heavier than air

Solubility: Soluble in water.

Vapor pressure @ 75: < 0.1 mmHg

Evaporation Rate (n-Butyl Acetate = 1): < 1

Appearance: Dark amber to brown, clear liquid.

Odor: Bland odor

Boiling Point: > 200°F

Freezing Point: < 30°F

pH: 4.5-5.5

Auto-ignition: N/D

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatible Materials: Excessive heat.

Hazardous Decomposition Products: Smoke, carbon monoxide, carbon dioxide, oxides of phosphorous and oxides of nitrogen..

Hazardous Polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: Irritating to eyes and skin.

Immediate Health Effects: Irritation and burns.

Delayed Health Effects: Irritation and burns.

SECTION 12. ECOLOGICAL INFORMATION

No data at this time.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: If spilled, dispose according to local regulations. Recycle waste containers and clean out residues.

SECTION 14. TRANSPORT INFORMATION

DOT Transport Information: DOT Non-regulated**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)**ComponentCERCLA RQ (lbs)

None

SARA 302 Components-40 CFR 355 Appendix AComponentTPQ(Threshold Planning Quantity) (lbs)

None

Section 311/312 Hazard Class-40 CFR 370.2

Immediate (X)

Delayed ()

Fire ()

Reactive ()

Sudden Release of Pressure ()

SARA 313-40 CFR 372.65ComponentCAS Number%

None

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (1) Fire (0) Reactivity (0)

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N/D= No data; N/A = Not available; N/E= Not established