

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** DSC HEC LINEAR GEL E
- **Product Description:** A suspension of HEC polymer in an organic solvent gel
- **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 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	
Proprietary Component		60-90	100ppm	150ppm	100ppm	150ppm	600ppm

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure

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

Skin Contact: This product may cause irritation to the skin. Defatting of the skin can occur with frequent or long-term skin contact.

Eye Contact: Irritation to eyes.

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

SECTION 4. FIRST AID MEASURES

Eyes: Move victim away from exposure and into fresh air. If irritation persists, 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: Drink plenty water. Seek medical attention.

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

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures

Extinguishing Media: Use powder, foam, or CO₂. Do not use water jet(may spread fire).

Decomposition/Combustion Products: Oxides of carbon.

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 in cool, 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: Impermeable gloves and impervious clothing as appropriate.

Eye protection: Chemical goggles where splashing may occur.

Respiratory Protection: Use appropriate respiratory protection when handling or in case of insufficient ventilation.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 75°F(H₂O = 1): Approx. 1.1

Flash Point(PMCC Method)(°F): 150

Vapor density (Air = 1): N/D

Solubility: Soluble in water.

Vapor pressure @ 75: 0.4mmHg

Evaporation Rate: N/D

Appearance: Pale viscous liquid.

Odor: Organic

Boiling Point(°F) : 330-340

pH: N/A

Auto-ignition: N/D

Partition Coefficient, N-Octanol/Water: N/D (Completely miscible with water)

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Smoke, carbon oxides.

Hazardous Polymerization: None described.

SECTION 11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: Irritating to eyes and skin.

Immediate Health Effects: Irritation.

Delayed Health Effects: Defatting of skin with frequent or prolonged skin contact.

SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability: All the components are biodegradable.

Biodegradation: 70-90% (28 days)

ErC50 (72 hours) *Skeletonema costatum*: N/D

LC50 (48 hours) *Acartia tonsa*: N/D

LC50 (10 days) *Corophium voliotator*: N/D



Bioaccumulative Potential: Low
Aquatic Toxicity: 96 HR LC50 (mysid shrimp) >142,200 ppm
Oil and grease content in slurry(Polymer 2 LB/BBL): 16-20mg/L
UK OCNS CATEGORY: E
MARINE POLLUTANT (IMDG Code): No

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: If spilled, dispose according to local regulations. Recycle waste containers and clean out residues.
Statutory Notification Required: None in UK.

SECTION 14. TRANSPORT INFORMATION

Transport Information:
Non Bulk shipments: < 119 Gallons Non-Regulated
Bulk Shipments: >119 gallons: NA 1993, Combustible Liquid N.O.S. (Contains Glycol Ether) PG III

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</u>
None	

SARA 302 Components-40 CFR 355 Appendix A

None

Section 311/312 Hazard Class-40 CFR 370.2

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

SARA 313-40 CFR 372.65

<u>Component</u>	<u>CAS Number</u>	<u>%</u>
None		

SUPPLY LABEL SYMBOLS: Xi-Irritant

RISK AND SAFETY PHRASES: 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 (1) Fire (2) Reactivity (0)

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