MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name: DSC Gold VIS (LIQUID)**
- **Product Description:** A polymer suspension in a non-aqueous solvent system
- **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

			PEL(OSHA)		TLV(ACGIH)		
Hazardous components	**CAS Number**	**%**	**TWA**	**STEL**	**TWA**	**STEL**	**IDLH**
Proprietary Component		20-40	100ppm	150ppm	100ppm	150ppm	600ppm
Ethoxylated Alcohols	68130-47-2	2-5	N/E	N/E	N/E	N/E	N/E
Phosphate Ester							

Note: This product may contain trace amounts (<0.5ppm) of ethylene oxide CAS Number 75-21-8.

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.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures

Extinguishing Media: Use powder, foam, or CO_2. 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

DEEPSOUTH CHEMICAL

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(H_2O = 1): 0.86-0.88
Flash Point(PMCC Method)(°F): 144
Vapor density (Air = 1): N/D
Solubility: Oil soluble; negligible in water.
Vapor pressure @ 75: approximately 2 mmHg
Evaporation Rate: N/D
Appearance: Tan viscous liquid.
Odor: Aromatic
Boiling Point(°F): Approx. 309
Percent Volatile by Volume: 90
pH: N/A
Auto-ignition(°F): 458

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.
Acute Effects (Short term): -N/D
Chronic Effects (Long term): -N/D

SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability: All the components are biodegradable.

Biodegradation: 28% (30 days)

ErC50 (72 hours) Skeletonema costatum: 4.08 mg/l
LC50 (48 hours) Acartia tonsa: 813 mg/l
LC50 (10 days) Corophium voliotator: >10,000 mg/l

Bioaccumulative Potential: Low

Aquatic Toxicity: 96 HR LC 50 (Crangon crangon) >1,000 ppm
48 HR LC50 (mysid shrimp) >1,000 ppm

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: NA 1993, Combustible Liquid N.O.S. (Contains D'Limonene) 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)

Component	CERCLA RQ (lbs)
Ethylene Oxide	10

SARA 302 Components-40 CFR 355 Appendix A

Component	TPQ (Threshold Planning Quantity) (lbs)
Ethylene Oxide	1000

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

Component	CAS Number	%
None		

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (1) Fire (2) Reactivity (0)

The trace amounts of **ethylene oxide (EO)** in this product are not expected to result in either acute or long-term hazards when the material is handled in accordance with sections 7 & 8. You should be aware though, that EO is a cancer and reproductive hazard. Repeated exposure to ethylene oxide may be harmful. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1ppm for an eight-hour time weighted average exposure. The ethylene oxide standard (29 CFR 1910.1047) regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with the OSHA ethylene oxide standard.

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