

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** **DSC 785 SURFACTANT/WATER WETTING AGENT**
- **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:** Blend of Non-ionic Surfactant with alcohol.
- **MSDS Revised:** January 1, 2014

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances classified under CHIP

| <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> | |
| Ethoxylated non-ionic surfactant | NA | 15-20 | NE | NE | NE | NE | NE |
| Methanol | 67-56-1 | 80-85 | 200ppm | 250ppm | 200ppm | 250ppm | 6000ppm |

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure:

Inhalation: High vapor concentrations are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.

Eye Contact: Corrosive. will cause eye burns and permanent tissue damage.

Skin Contact: Severely irritating; may cause permanent skin damage.

Ingestion: Low order of toxicity.

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. Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Skin: Immediately flush with large amounts of water; use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. Get prompt medical attention.

Ingestion: Do not give anything by mouth; place individual on the left side with the head down. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures

Extinguishing Media: Use alcohol type foam or dry chemical.

Decomposition/Combustion Products: Toxic gases.

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

Flash Point (Seta CC Method)(°F): 84

Specific gravity @ 68°F (H₂O = 1): 0.8-0.9

Vapor density (Air = 1): 1.12

Vapor pressure @ 68°F: N/D

Evaporation Rate: N/D

Solubility: Soluble

Appearance: Clear liquid.

Odor: Mild alcohol odor.

Boiling Point (°F): 208.4 calculated IBP

Freezing Point: >14.01 pour point

Melting Point: N/D

Percent Volatile by Volume: N/D

pH: N/A

Viscosity: 16 at 100 Cannon-Fenske; 6 at 151 Cannon-Fenske

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatibility/Materials: Strong oxidizing agents, mineral acids.

Hazardous Decomposition Products: None.

Hazardous polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Animal Toxicity Data for Methanol:

Human Oral LDLO=143 & 428mg/kg (RTECS)

Rat Oral LD50=5628mg/kg (RTECS)

Rat Inhalation LC50=64000ppm/4hr (RTECS)

Rabbit Dermal LD50=15800mg/kg (RTECS)

Irritation Test Data for Methanol:

Standard Draize Testing

Rabbit Skin=20mg/24hours-Reaction: moderate (RTECS)

Rabbit Eye=40mg-Reaction: moderate (RTECS)

Rabbit Eye=100mg/24hours-Reaction: moderate (RTECS)

SECTION 12. ECOLOGICAL INFORMATION

Chemical Fate Information: N/D
UK OCNS CATEGORY: N/D
MARINE POLLUTANT (IMDG Code): No

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: UN 1993, Flammable Liquids N.O.S. (contains Methanol), 3, PG II

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> |
|------------------|------------------------|
| Methanol | 5000 |

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

SARA 313-40 CFR 372.65

| <u>Component</u> | <u>CAS Number</u> | <u>%</u> |
|------------------|-------------------|----------|
| Methanol | 67-56-1 | 80-85 |

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (1) Fire (3) Reactivity (0)

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