



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** DSC 465 Surfactant
- **Manufacturer:** Deep South Chemical, Inc.
229 Millstone Road
Broussard, LA 70518
(337) 837-9931
- **For Emergency:** CHEMTREC 1-800-424-9300; OUTSIDE THE USA 1-703-527-3887
- **Chemical Family:** A mixture of non-ionic surfactants, an organic solvent and water
- **Formula:** Proprietary
- **Contact Person:** Glenn Ray
- **MSDS Revised:** January 1, 2014
- **HMIS CODES:** Health (2) Fire (1) Reactivity (0)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>(OSHA) PEL</u>	<u>CAS NO.</u>
IPA	2-3%	8 hr TWA 400 ppm	67-63-0
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	10-14%	N/A	9014-85-1

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 and may be toxic if absorbed through skin.

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: Do not induce vomiting or give anything by mouth. If victim is drowsy or unconscious, place on left side with head down. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures: For small fires, use dry chemical, water spray or alcohol resistant foam. For Large fires use water spray, fog or alcohol resistant foam.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area. Foam may be used

to suppress vapors. Keep out of drains, sewers or waterways. Use sand or other inert material to dam and contain. Do not flush with water.

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

Storage: Keep container tightly closed when not in use. Store in cool, dry area. Keep away from sources of ignition. Use and store with adequate ventilation.

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

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: Avoid contact with skin or eyes. Avoid breathing of vapors. Handle in well-ventilated work space. When handlings do not eat, drink or smoke.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Appropriate exhaust.

Protective clothing: Impermeable gloves and impervious clothing as appropriate.

Eye protection: Chemical goggles where splashing may occur.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity (H₂O = 1): 1.01 @ 75 ° F

Flash Point: >150 ° F

Vapor density (Air = 1): N/D kg/m³

Solubility: Miscible with water

Vapor pressure: < 5 mm Hg at 75 ° F

Evaporation Rate: N/D

Appearance and Odor: Clear fluid

Boiling Point: > 200 ° F

Percent Organic Volatile by Volume: 10%

pH: 4.5

Auto ignition Temperature: N/D

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: It is stable in normal conditions. It does not polymerize by itself.

Incompatibility:

Surfynol: Oxidizing agents (i.e. perchlorates, nitrates, etc.)

Reactive metals (i.e. sodium, calcium, zinc, etc.)

Dehydrating agents

Materials reactive with hydroxyl compounds.

IPA: Oxidizing agents (i.e. perchlorates, nitrates, etc.)

Reactive metals (i.e. sodium, calcium, zinc, etc.)

Materials reactive with hydroxyl compounds.

Hazardous Decomposition Products (from burning, heating, or reaction with other materials):

Carbon Monoxide in a fire. Carbon Dioxide in a fire. Flammable hydrocarbon fragments (e.g. acetylene).

Irritating and toxic fumes at elevated temperatures. Aldehydes and ketones.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:



Systemic toxicity appears to occur mostly in cases of heavy ingestion or inhalation. Vapor Inhalation can cause central nervous system depression at high concentration.
Eye- causes irritation and possible corneal burns.
Long term Exposure- Dermatitis or respiratory or kidney disorders.
Skin- can cause dry skin and delayed hypersensitivity reactions in some individuals.

SECTION 12. ECOLOGICAL INFORMATION

Degradation: Bio-degradation is possible but rates are not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: If spilled dispose according to local laws.

SECTION 14. TRANSPORT INFORMATION

Transport information: Not DOT Regulated
Shipping Label: Washing Compound, N.O.I – Not Regulated

SECTION 15. REGULATORY INFORMATION

Toxic Substances Control Act (TCSA): The formulation is not carcinogenic
All components of this material are on the USA TSCA inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) Hazard Class(es):

Surfynol: Irritant.
IPA: Flammable. Irritant.

EPA SARA Title III Section 312 (40CFR370) Hazard Class:

Surfynol: Acute Health Hazard
IPA: Fire Hazard. Acute Health Hazard.

EPA SARA Title III Section 313 (40CFR372) Toxic Chemicals above “ded minimis” level are:

Surfynol: None
IPA: Propanol, 2-

Proposition 65 Substances (component(s) known to the state of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the “Safe Drinking Water and Toxic Enforcement Act of 1986”):

Surfynol: None
IPA: None

SECTION 16. OTHER INFORMATION

HMIS CODES: Health (2) Fire (1) Reactivity (0)

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