

MATERIAL SAFETY DATA SHEET

Lubchem, Inc. 23609 W. Hardy Rd. Spring, TX 77373
Telephone (281) 350-9600
4/30/2010

Section I - Product Identification

Product Name: Lubchem 5000 HD

Product Type: Concentrated Oil / Sheen Dispersant

Formula/CAS No.: Complex Mixture

Chemical Name and Synonyms: Biodegradable Solvent Based Dispersant

NFPA Codes

Health	1
Flammability	0
Reactivity	0

Section II - Hazardous Ingredients / Identity Information

Components	CAS Number	%	EXPOSURE LIMITS, PPM
Ethoxylated Alcohol	68439-49-6	<30%	ND
Alkyl Polyglycoside	68515-73-1	<30%	ND
Citrus Terpenes	94266-47-4	<20%	ND
Hydrotreated Light Distillate	64742-47-8	< 5%	ND

This product contains no hazardous ingredients according to OSHA 29 CFR 1910.1200.

Section III - Physical / Chemical Characteristics

Boiling Point: 349°F

Specific Gravity (H₂O = 1): 1.01

Vapor Pressure (mm Hg.): N/A

Melting Point: N/A

Vapor Density (Air =1): N/a

Evaporation Rate (Butyl Acetate = 1) : <1

Solubility In Water: Complete

Appearance / Odor Clear Brown/Tan / Citrus odor

Section IV - Fire and Explosion Hazard Data

Flash Point (TCC): N/A **Flammable Limits** N/A **UEL:** N/A

Extinguishing Media: Use media appropriate for surrounding fire.

Special Fire Fighting Procedures: Use full protective clothing and self contained breathing apparatus. Keep fire exposed containers cool.

Unusual Fire and Explosion Hazards: None known

Section V - Reactivity Data

Stability: Material is stable

Conditions to Avoid: Excessive heat.

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Decomposition Products: Oxides of nitrogen and carbon

Hazardous Polymerization: Will not occur

Section VI - Health Hazard Data

Carcinogeny: NTP: No IARC Monographs: No OSHA Regulated: No

Health Hazards (Acute and Chronic): None known

Signs and Symptoms of Exposure:

Eyes: Possible symptoms include irritation, tearing, redness, and swelling.

Inhalation: Excessive exposure to mist may cause irritation of nose throat and upper respiratory tract.

Ingestion: Will cause nausea and diarrhea.

Skin: May dry and irritate the skin.

Medical Conditions Generally Aggravated by Exposure: N/D

Emergency and First Aid Procedures:

Eyes: Flush eyes with water for 15 minutes and consult physician.

Inhalation: Remove to fresh air. Treat symptoms.

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Ingestion: Give large glass of milk or water. Do not induce vomiting. Consult physician.

Skin: Rinse skin with soap and water.

Section VII - Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled: For small spills flush with water. Large spills should be vacuumed and placed in appropriate containers for reuse or disposal.

Waste Disposal Method: Comply with all governmental regulations.

Precautions To Be Taken In Handling and Storage: Do not store containers in direct sunlight; keep containers away from excessive heat.

Other Precautions: N/D

Section VIII - Control Measures/Special Protection:

Respiratory Protection: For sever mist use NIOSH approved acid gas respirator with full-face piece or in sever exposure use self-contained breathing apparatus.

Ventilation Type Required: Natural ventilation should be provided. Provide adequate ventilation to hold vapor concentration below 100 ppm.

Protective Clothing: Gloves: Synthetic or rubber gloves should be worn to avoid prolonged or repeated contact with the liquid. Eye Protection: Chemical safety goggles or face shield should be worn to avoid contact with the eyes. Other Protective Clothing or Equipment: Impervious synthetic rubber boots and apron to prevent prolonged or repeated skin contact.

Section X – Transportation Data

DOT Classification: CLASS 3: Flammable liquid.

Identification: Dipentene UNNA: 2052 PG: III

Emergency 24 hour response contact Chemtrec 1-800-424-9300

Section XI - Regulatory Information

All ingredients in this compound are on the TSCA inventory.

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR1910.1200). The information herein is given in good faith, but no warranty, express or implied, is made. Consult Lubchem, Inc. For further information: 281-350-9600.

Abbreviations: N/A: Not Applicable N/D: Not Determined