

# MATERIAL SAFETY DATA SHEET

REACTIVITY TOXICITY

**NFPA SYMBOL** 

4 Extreme 3 High 2 Moderate 1 Slight 0 Insignificant

This form complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. The information contained herein is believed to be accurate but is not warranted for accuracy whether originating with this company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

**IDENTITY:** (AS USED ON LABEL AND LIST)

#### Foremost 2042 Penetrating Gel Lube

## FOR CHEMICAL EMERGENCY CALL: INFOTRAC 1-800-535-5053

#### SECTION I

ADDRESS: **EMERGENCY TELEPHONE NUMBER: INFOTRAC** 

**Delta Foremost Chemical Corporation TELEPHONE NUMBER FOR INFORMATION: (901) 363-4340** 

3915 Air Park St. **DATE PREPARED:** March 09, 2005

OSHA DEL

Memphis, Tennessee 38118

#### Section II: Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S)

	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
CAS# 110-54-3 Hexane	50 ppm	50 ppm	N/L	N/L
CAS# 64742-65-0 Paraffinic Petroleum Distillate	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m³ STEL	N/L
CAS# 64742-63-8 Aliphatic Hydrocarbon Mixture	5 mg/m <sup>3</sup>	$5 \text{ mg/m}^3$	N/L	N/L
CAS# 74-98-6 Propane/Isobutane/N-Butane	1000 ppm	1000 ppm	Asphyxiant	N/L

This product contains the following chemical(s) subject to the reporting requirements of SARA Title III, Section 313, and 40 CFR 372.

CAS# 111-76-2 2-Butoxyethanol 25 ppm (skin) N/L 25 ppm (skin) N/L CAS# Unknown Zinc Comp.  $5 \text{ mg/m}^3$ 

#### SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:**  $-40^{\circ}$ F to  $> 500^{\circ}$ F SPECIFIC GRAVITY: (WATER = 1) 0.7

VAPOR PRESSURE: (mm Hg.) N/D MELTING POINT: N/A

VAPOR DENSITY: (AIR = 1) 4.0EVAPORATION RATE: (BUTYL ACETATE = 1) > 1

**SOLUBILITY IN WATER:** None **APPEARANCE AND ODOR:** Clear/solvent

#### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (METHOD USED) 40°F TCC FLAMMABLE LIMITS: LEL: 1.8 **UEL:** 12.0

**EXTINGUISHING MEDIA:** Use water fog, carbon dioxide or dry chemical extinguisher. **SPECIAL FIRE FIGHTING PROCEDURES:** Aerosol can may rupture when heated.

UNUSUAL FIRE AND EXPLOSION HAZARD: Heated cans may burst.

**CONTINUED FROM REVERSE SIDE FOR PRODUCT:** Foremost 2042 Penetrating Gel Lube

#### **SECTION V: REACTIVITY DATA**

REACTIVITY: Stable CONDITIONS TO AVOID: High temperature

**INCOMPATIBILITY:** (MATERIALS TO AVOID) Strong oxidizers, alkali metals, interhalogen compounds.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon dioxide, water, hydrogen fluoride and perfluoro hydrocarbons in fire, will decompose to the

following sulfur compounds, CaO, aldehydes and ketones.

HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID: None

#### SECTION VI: HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION: Yes SKIN: Yes INGESTION: Yes

**HEALTH HAZARDS: (ACUTE AND CHRONIC)** May cause dizziness in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver, or kidney damage. May affect the central nervous system. Eye and skin irritant. Aspiration hazard if swallowed. May irritate nasal and respiratory passages. Swallowing may cause irritation to mouth, esophagus, and gastro intestinal system, and may be fatal. Hexane may damage peripheral nerve tissue. 2-Butoxyethanol may cause corneal injury and blood abnormalities and may be absorbed through skin with toxic effects.

CARCINOGENICITY: No IARC MONOGRAPHS: No OSHA REGULATED: No

Presently not on list.

**VENTILATION:** 

SIGNS AND SYMPTOMS OF EXPOSURE: INHALATION: Difficulty in breathing. SKIN: Redness. INGESTION: Vomiting.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Heart disease, respiratory disorders.

**EMERGENCY AND FIRST AID PROCEDURES:** Give oxygen, do not induce vomiting. Gastric lavage, wash eyes and skin with water.

### SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Use absorbent, sweeping compound to soak up material. Reclaim spilled material into approved container for proper disposal.

WASTE DISPOSAL METHOD: Dispose as hazardous waste in accordance with local, state and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep away from heat sparks and open flame. Store at temperatures below 120°F.

**OTHER PRECAUTIONS:** When spraying more than one half can continuously, use NIOSH approved respirator.

#### **SECTION VIII: CONTROL MEASURES**

 $\textbf{Respiratory Protection: (SPECIFY TYPE)} \quad \text{Self-contained breathing apparatus if above TLV limit.}$ 

LOCAL EXHAUST: Normal SPECIAL: None MECHANICAL: (GENERAL) Normal OTHER: None

PROTECTIVE GLOVES: Not required if spraying EYE PROTECTION: Goggles or safety glasses

**WORK/HYGIENIC PRACTICES:** Use normal industrial hygiene practices.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Apron