



## MATERIAL SAFETY DATA SHEET

MSDS Number: ENHNCER

Revision Date: Sept. 12, 2011

### 1. Product Identification

**Manufacturer:**

LGM, LLC  
600 Kenrick Drive, Suite C34  
Houston, TX 77060

**Emergency Numbers**

(281) 677-2062  
(866) 850-3158

CHEMTREC: (800) 424-9300

**Products:**

**Name:** ENHANCER

**Synonyms:** none – proprietary mixtures

**Chemical Family:** Polymer/Solvent Blend with Natural Viscosity Reducers

### 2. Composition/Information on Chemical Ingredients

CAS No	WT. Percent	AGGIH TLV	OSHA PEL
Petroleum Distillate	AP 20%	Not Determined	Not Determined

Ingredients not precisely identified are proprietary.

### 3. Physical Properties

Appearance & Odor:	Slightly Viscous, amber Liquid.
Molecular Weight:	N/A
Boiling Point (Degrees Fahrenheit):	ND
Melting Point (Degrees Fahrenheit):	N/A



Specific Gravity (Water = 1):	0.92 – 0.94
Vapor Density (Air =1):	ND
Percent Volatile (By Weight):	AP 20%
pH:	N/A
Solubility in Water:	Slightly Dispersible
Evaporation Rate (Butyl Acetate = 1):	Nil

---

## 4. Fire & Explosion Data

-----

Flash Point (Degrees Fahrenheit; PMCC):	AP 170 - 180°F
Fire Extinguishing Media:	Dry chemicals, CO <sub>2</sub> , alcohol-resistant foam.
Flammable Limits (% by Volume):	Lower: <u>NE</u> Upper: <u>NE</u>
Special Fire Fighting Procedures & Equipment:	NIOSH approved breathing apparatus and turn out gear.
Unusual Fire & Explosion Hazards:	None Known.
Hazardous Combustion Products:	CO, CO <sub>2</sub> .

---

## 5. Reactivity Data

-----

Stability:	Stable
Conditions to Avoid:	Open flames, extreme Heat.
Incompatibility (Materials to Avoid):	Strong oxidizers, but normally unreactive.
Hazardous Decomposition Products:	None Known.
Hazardous Polymerization:	Will not occur.

---

## 6. Health Hazard Information

-----



Exposure from Routine Use: May irritate eyes. Possible slight ingestion hazard.

Effects of overexposure: May irritate eyes, possibly causing corneal injury.

Probable Routes of Exposure: Eyes and skin.

Emergency and First Aid Procedures:

Eye Contact: Flush eyes including under eyelids with clean, low-pressure water for a full 20 - 30 minutes. Seek medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing. Flush with lukewarm water for 15 minutes. Wash clothing before re-use.

Inhalation: Remove affected victim from exposed area to fresh air. Rest in an upright position. Start resuscitation if breathing is irregular or stopped; administer oxygen. Get medical attention if needed.

Ingestion: **Do not induce vomiting.** The risk of damage to lungs exceeds poisoning risk. If large quantity is swallowed, give lukewarm water (pint) if victim is completely conscious (alert). Seek medical attention.

---

## 7. Toxicity Data

-----

Oral: ND

Dermal: ND

Inhalation: ND

Carcinogenicity: None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Other Pertinent Data: N/A

---

## 8. Special Protection Information

-----

Personal Protective Equipment:

Protective Gloves: Chemically Resistant



Eye Protection:	Safety glasses and/or goggles
Respiratory Protection (Specify Type):	N/A
Other Protective Equipment:	Apron, rubber boots and gloves are recommended depending on the conditions of use.
Ventilation:	N/A
Local Exhaust:	None required.
Mechanical (General):	If used at elevated temperatures.
Special:	N/A

---

## 9. Spill, Leak, and Disposal Procedures

---

Steps to be taken in case material is released or spilled:

Recover as much material as practical. Material can create slippery conditions. Try to work upwind of spill. Soak up balance with sand, dirt, or other absorbent. Avoid direct discharge to natural waterways. Uncontaminated spilled material may be re-used. Refer to all local, state, and federal regulations on spills concerning this material.

Waste Disposal Methods:

Dispose of water in a contaminated waste water treatment system. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition. Abide by all federal, state, and local regulations for disposal. Avoid direct discharge to natural waterways.

Clean Water Act Requirements: N/A

Resource Conservation and Recovery Act (RCRA) Requirements: N/A

### HMIS Ratings

---

Health Rating:	1 - Slight
Flammability Rating:	2 - Moderate
Reactivity Rating:	0 - None
Personal Protection:	C – Safety Glasses, Gloves, Synthetic Apron

---



## Product ID

---

Fire Rating: 2 - Moderate  
Health Rating: 1 - Slight  
Reactivity Rating: 0 - None  
Special: 0 - None

---

## 10. Regulatory Information

---

**TSCA:** Components listed and reported with the provisions outlined in Toxic Substances Control Act, 15, U.S.C.

**EPA:** Superfund amendments & Re-authorization Act (SARA) Title III; Section 313, Supplier Notification. Not listed on 40 CFR 372.45 Supplier Notification Requirement listing (7-1-89) Edition.

### TRANSPORT:

#### Domestic (Land, D.O.T.)

---

Proper Shipping Name: Combustible Liquid, N.O.S  
(Contains Petroleum Distillate), UN 1993, PG III  
**(ENHANCER)**  
**NOT REGULATED IN 55 GALLON CONTAINERS OR LESS.**

Hazard Class: 3  
UN/NA: UN1993  
Label Required: Yes

#### International (Water, I.M.O.)

---

Proper Shipping Name: Combustible Liquid, N.O.S  
(Contains Petroleum Distillate), UN 1993, PG III  
**(ENHANCER)**  
**NOT REGULATED IN 55 GALLON CONTAINERS OR LESS.**

Hazard Class: 3  
UN/NA: UN1993  
Label Required: Yes



---

## 11. Special Precautions and Comments

---

Precautions to be taken in Handling and Storing:

Avoid contact with skin and eyes. Do not ingest. Keep containers tightly closed. Avoid overheating of drums or storage tanks. Keep away from open flames.

Other Precautions:

Keep away from children. Product is for industrial use only.

**Disclaimer:**

\*\*\*\*\*

**LGM provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. LGM MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, LGM WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.**

**Prepared by:** LGM, LLC

Phone Number: (281) 677-2062 (U.S.A.)

Accepted by:

Mike Kramer  
President