

**MATERIAL SAFETY DATA SHEET**  
Prepared according to 29 CFR 1910.1200

DATE PREPARED: April, 2004  
DATE REVISED: May, 2011

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**MSDS NO: 205**

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**Section I - Product Identification**

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**L&M CONSTRUCTION CHEMICALS, INC**  
**14851 CALHOUN ROAD**  
**OMAHA, NE. 68152**

ASSISTANCE (CHEMTREC) 800-424-9300  
EMERGENCY PHONE NO. 402-453-6600

**Product Name:**

**FGS CONDITIONER**

Synonyms:

Cleaner

Chemical Family:

N/A, Mixture

HMIS Hazard Rating:

Health	1	Slight
Fire	0	Least
Reactivity	0	Least

U.S. DOT Shipping Name:

Compounds, Cleaning Liquid, NOI

U.S. DOT Hazard Class:

Not Regulated

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**Section II - Hazardous Constituents**

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INGREDIENT

CAS #

TLV

Diethanolamine\*

111-42-2

3 PPM

Proprietary Material

\*The component is subject to the reporting requirements of Section 313 of S.A.R.A. Title III.

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**Section III - Physical Data**

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Boiling Point:

212° F

Specific Gravity (Water = 1):

1.05

Vapor Pressure at 70°F (mm of Hg):

Not Available

Vapor Density (Air =1):

Not Available

Solubility in Water:

Complete

Evaporation Rate (N-Butyl Acetate = 1):

Not Available

Appearance and Odor:

Clear, med blue colored liquid.

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**Section IV - Fire and Explosion Data**

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Flash Point:

No flash point by standard methods

Flammability Limits (% in air):

Not Applicable

Fire and Explosion Hazards

None

Extinguishing Media

Does not burn or support combustion.

Firefighting Procedures

Fire fighters should be equipped with appropriate protective apparel and use NIOSH approved breathing masks.

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**Section V - Health Hazards and First Aid**

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Effects of Overexposure

Overexposure may aggravate disorders of the skin, eyes, and respiratory system.

Potential Effects of Exposure

Eyes: Eye contact may cause mild to severe irritation and burns.

Skin: Skin contact may cause mild to severe irritation. Prolonged or repeated contact may cause burns.

Inhalation: Excessive inhalation may cause irritation, burns, dizziness, weakness, headache, nausea, vomiting, coughing, chest pain, and breathing difficulty.

Ingestion: Ingestion may cause burns, chest pain, nausea, vomiting, pain, excess fluid retention (edema), shock symptoms (rapid pulse, sweating, collapse), tissue ulceration, and internal bleeding.

First Aid Procedures

Eye Contact: Immediately flush with water for at least 15 mins. while holding eyelids apart. Get medical attention.

Skin Contact: Immediately flush skin with plenty of water for at least 15 mins., while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call a physician immediately.

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**Section VI - Reactivity Data**

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Stability: STABLE

Conditions to Avoid: Extreme heat or freezing temperatures.

Incompatible Materials: Inorganic and organic bases. Avoid contact with oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, and bleaching agents. Avoid metals/metal blends. Contact with some metals can generate explosive hydrogen gas. Avoid contact with amphoteric metals which include aluminum, copper, zinc and brass.

Hazardous Decomposition Products: Oxides of phosphorus, carbon monoxide, and miscellaneous organic compounds, some possibly toxic.

Hazardous Polymerization: WILL NOT OCCUR

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**Section VII - Spill, Leak, & Disposal Procedures**

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STEPS TO BE TAKEN IN THE EVENT OF SPILLS, LEAKS, OR RELEASES

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If acidity is a problem, neutralize

with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity is a problem neutralize with dilute acetic acid or dilute hydrochloric acid. If required notify state and local authorities. Product may be toxic to fish or aquatic life.

WASTE DISPOSAL METHOD

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted hazardous waste management facility. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

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**Section VIII - Special Protection Information**

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Protective Equipment

Eyes: Chemical goggles and faceshield. Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.

Skin: Clean body-covering clothing. Impervious gloves. Rubber boots.

Inhalation: If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved for your conditions or exposure.

Ventilation: Mechanical general ventilation is usually adequate. Local mechanical ventilation may be required.

Additional Protective Measures: Safety shower, eye wash fountain, and washing facilities should be readily available.

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**Section IX - Special Precautions - Storage & Handling**

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Precautions:

Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do not get in eyes, on skin, or clothing. Avoid prolonged or repeated contact with skin. Do NOT swallow.

Handling:

Keep away from heat, lights, fire, sparks and acid. For industrial use only. This container hazardous when emptied. Since emptied container contains residues (vapor or liquid), all labeled hazard precautions must be observed.

Storage:

Keep container closed when not in use. Store in cool, dry place. Keep out of reach of children.

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The information herein is presented in good faith and believed to be correct as of the date hereof. However, L&M Construction Chemicals, Inc. makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

Date Sheet Prepared: 05/25/11