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1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® L&M™ FGS Conditioner

MANUFACTURER'S/ DISTRIBUTOR'S NAME: LATICRETE South East Asia Pte Ltd
38 Sungei Kadut,
Street 2 (Level2 A3),
Singapore 729245.

Phone number for additional information: (65) 6515 3028

Date prepared or revised: 21/08/2016

2. COMPOSITION INGREDIENTS

Chemical Names	CAS NUMBERS	TLV
Diethanolamine Proprietary Material	111-42-2	3 PPM

3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) : Overexposure may aggravate disorders of the skin, eyes, and respiratory system.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled	: Excessive inhalation may cause irritation, burns, dizziness, weakness, headache, nausea, vomiting, coughing, chest pain, and breathing difficulty.
Contact with skin or eyes	: Eye contact may cause mild to severe irritation and burns. Skin contact may cause mild to severe irritation. Prolonged or repeated contact may cause burns.
Absorbed through skin	: N/A



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

SUSPECTED CANCER AGENT?

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NO: This product's ingredients are not found in the lists.

4. FIRST AID: EMERGENCY 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.

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

Swallowed : 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.

5. FIRE FIGHTING MEASURES

Flash Point method : Non-flammable or combustible in liquid form

Auto ignition temperature (°C) : N/A

Flammable limits in air, volume % : N/A

Fire extinguishing materials : Does not burn or support combustion.

Special fire fighting procedures : Fire fighters should be equipped with appropriate protective apparel and use NIOSH approved breathing masks.

Unusual fire and explosion hazards : N/A

6. ACCIDENTAL RELEASE MEASURES

Spill response procedures (include employee protection measures) :



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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.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: 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. 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.

Conditions for safe storage, including any incompatibilities: Keep container closed when not in use. Store in cool, dry place. Keep out of reach of children.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls	: Mechanical general ventilation is usually adequate. Local mechanical ventilation may be required.
Respiratory protection (type)	: In case of insufficient ventilation, wear suitable respiratory equipment.
Eye protection (type)	: Chemical goggles and faceshield. Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.
Gloves (specify material)	: Use impervious gloves, vinyl or rubber.



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Other clothing and equipment : Wear clean, long-sleeved, body-covering clothing.

Work practices, hygienic practices : Maintain good housekeeping standards.

Other handling and storage requirements : N/A

Protective measures during maintenance of contaminated equipment: See above.

8. PHYSICAL AND CHEMICAL PROPERTIES

Relative density : N/A

Melting point or range, °C : N/A

Boiling point or range, °C : 100 °C

pH : 11.3

Specific gravity : 1.05

Flash point : N/A

Solubility in water : Soluble

Evaporation rate (butyl acetate = 1) : N/A

Vapor pressure, mmHg at 20°C : N/A

Appearance and odor : Clear, med blue colored liquid.


HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist)

9. STABILITY AND REACTIVITY

Stability : Stable

Conditions to avoid : Extreme heat or freezing temperatures.

Incompatibility (materials to avoid) : Inorganic and organic bases. Avoid contact with oxidizers 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

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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

10. TOXICOLOGY INFORMATION

N/A

11. ECOLOGICAL INFORMATION

N/A

12. DISPOSAL CONSIDERATIONS

Dispose in compliance with local, state, and federal regulations.

13. TRANSPORT INFORMATION

No special labeling or transportation placarding is required.

14. REGULATORY INFORMATION

Not classified as dangerous under current regulation.

15. OTHER INFORMATION

This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.