

Rev: A

Form

INCV. A

Page: 1 of 5

Date: 21/08/2016

1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® StoneTech® KlenzAll™ Cleaner Concentrate

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. <u>COMPOSITION INGREDIENTS</u>

Chemical Names	NUMBERS	Percent
2-Aminoethanol	141-43-5	1 - 5
Alcohol Ethoxylate	Trade Secret	1 - 5
Dipropylene glycol butyl ether	29911-28-2	1 - 5
Ethoxylated Quaternary Amine	Trade Secret	1 - 5

3. <u>HEALTH HAZARD INFORMATION</u>

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer

Term Effects) : N/A

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : In high concentrations, vapors may be irritating to the respiratory

system.

Contact with skin or eyes : Causes severe skin burns and serious eye damage.

Absorbed through skin : N/A

Swallowed : May cause discomfort if swallowed.



Rev: A

Form

Rev. A

Page: 2 of 5

Date: 21/08/2016

SUSPECTED CANCER AGENT?

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

4. FIRST AID: EMERGENCY PROCEDURES

Eye Contact : Immediately flush eyes with plenty of water for at least 15 minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. Get medical attention

immediately.

Skin Contact: Remove contaminated clothing immediately and wash skin with soap and water.

Get medical attention immediately.

Inhaled : Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Get medical attention if any discomfort continues.

Swallowed: Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that

stomach content doesn't get into the lungs. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point method : N/A

Auto ignition temperature (°C) : N/A

Flammable limits in air, volume % : N/A

Fire extinguishing materials : Water fog. Dry chemical powder. Carbon dioxide (CO2).

Special firefighting procedures : Do not use water jet as an extinguisher, as this will spread

the fire. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

Unusual fire and explosion hazards: Fire may produce irritating, corrosive and/or toxic gases.

6. <u>ACCIDENTAL RELEASE MEASURES</u>

Spill response procedures (include employee protection measures)

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged



Form

Rev: A

Page: 3 of 5

Date: 21/08/2016

containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

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

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid inhalation of vapors and contact with skin, eyes and clothing. Use with adequate ventilation. Do not taste or swallow.

Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage: Keep container tightly closed. Store in a cool and well-ventilated place. Protect from freezing. Store away from incompatible materials.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls

: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Respiratory protection (type)

: In case of insufficient ventilation, wear suitable

respiratory equipment.

Eye protection (type)

: Chemical goggles or safety glasses.



Construction Solutions

Safety Data Sheet

Form

Rev: A

Page: 4 of 5

Date: 21/08/2016

Gloves (specify material) : Use impervious gloves, vinyl or rubber.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Relative density : 1.003

Melting point or range, °C : N/A

Boiling point or range, °C : 100 °C

pH : 11.5 – 12.5

Specific gravity : N/A

Flash point : N/A

Solubility in water : N/A

Decomposition temperature : > 200 °C

Vapor pressure, mmHg at 20°C : N/A

Appearance and odor : Light yellow liquid, mild odor.

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

10. STABILITY AND REACTIVITY

Stability : Stable

Conditions to avoid : Heat, flames and sparks.

Incompatibility (materials to avoid) : Acids. Strong oxidizing agents.

Hazardous decomposition products: Carbon dioxide. Carbon monoxide. Nitrogen oxides.



Rev: A

Form

Page: 5 of 5

Date: 21/08/2016

Hazardous polymerization : Will not occur

11. **TOXICOLOGY INFORMATION**

N/A

12. ECOLOGICAL INFORMATION

N/A

13. **DISPOSAL CONSIDERATIONS**

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

14. TRANSPORT INFORMATION

No special labeling or transportation placarding is required.

15. **REGULATORY INFORMATION**

Not classified as dangerous under current regulation.

16. **OTHER INFORMATION**

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