



MATERIAL SAFETY DATA SHEET

Reviewed & Approved by,
Dr. P. Arjunan, Vice President – R&D

1. PRODUCT IDENTIFICATION

TRADE NAME : **Clenza EF**

CHEMICAL NATURE : An aqueous solution to remove efflorescence stains

MANUFACTURER'S NAME : MYK LATICRETE INDIA PVT. LTD
8-2-703/A, 4th floor, Leela Gopal Towers
Road No-12, Banjara Hills,
Hyderabad – 500034
Tel: +91-40-30413100

2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Sodium hydroxide	1310-73-2	1-5 %	2 mg/m ³	2 mg/m ³	N/A

N/A- Not Applicable or available

3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects): N/A

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : Effects from inhalation of mist vary from mild irritation to serious damage of the upper respiratory tract, depending on severity of exposure

Contact with skin or eyes : Hazardous in case of eye contact (corrosive). Causes eye burns. Extremely hazardous in case of skin contact (permeator). Hazardous in case of skin contact (corrosive). Skin contact produces burns.

Absorbed through skin : May be fatal if absorbed

Swallowed : Hazardous in case of inhalation (lung irritant).

Suspected cancer agent : NO

This product's ingredients are not found in the lists below.

Federal OSHA : NO

NTP: NO

IARC: NO

4. FIRST AID: EMERGENCY PROCEDURES

Eye Contact : May cause permanent damage if eye is not immediately irrigated. Check for and remove any contact lenses. Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids. If possible remove any contact lenses and continue to wash. Get medical attention immediately.

Skin Contact : Immediately remove contaminated clothing and wash before re-use. Rinse the skin immediately with lots of water. Get medical attention immediately.

Inhaled : Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. In case of severe exposure or if any discomfort continues get medical attention

Swallowed : Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Get medical attention immediately.

5. FIRE AND EXPLOSION

Flash Point : Not flammable or combustible in liquid form.

Auto ignition temperature, °F : N/A

Flammable limits in air, volume % : Lower (LEL): N/A Upper (UEL):N/A

Fire extinguishing materials :

Water spray	: √	Carbon dioxide	: √	other:	N/A
Foam	: √	Dry chemical	: N/A		

Special fire fighting procedures : N/A

Unusual fire and explosion hazards : N/A

6. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Prevent entry into sewers, basements or confined areas.

Preparing wastes for disposal (container types, neutralization, etc): Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container.

NOTE: Dispose of waste and residues in accordance with local authority requirements.

7. HANDLING AND STORAGE

Store in a cool, dry place. Keep container tightly closed. Wash hands thoroughly after handling. Protect from freezing and physical damage. Do not mix with acids.

8. EXPOSURES CONTROL AND PERSONAL PROTECTION

Ventilation and engineering controls : Provide adequate ventilation and appropriate extraction when vapours or mists are generated.

Respiratory protection (type) : Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Eye protection (type) : Wear safety glasses or chemical splash goggles.

Gloves (specify material) : Impervious plastic or rubber gloves.

Other clothing and equipment : Boots, Clean, body – covering clothing

Work practices, hygienic practices : Maintain good housekeeping standards.

Other handling and storage requirements: Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool place.

Protective measures during maintenance of contaminated equipment: See above.

9. PHYSICAL PROPERTIES

Vapor density (air=1) : N/A Melting point or range, °F : N/A

Specific gravity @25⁰C : 1.06 Boiling point or range, °F : 212

Solubility in water : soluble Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C : N/A pH: >12

Appearance and odor : Colourless clear to hazy liquid.

HOW TO DETECT THIS SUBSTANCE (Warning properties of substance as a gas, vapor, dust, or mist): N/A.

10. REACTIVITY DATA

Stability : Stable

Conditions to avoid : None

Incompatibility (materials to avoid) : Incompatible with light metals, strong oxidizing agents and acids.

Hazardous decomposition products (Including combustion products): (from burning, heating, or reaction with other materials) : May produce Carbon Monoxide, Carbon Dioxide and Nitrogen Oxides

Hazardous polymerization : Will not occur.

11. TOXICOLOGY INFORMATION

INHALATION

Vapours are irritating to the respiratory system and have a caustic effect.

INGESTION

Corrosive. Even small amounts may cause serious damage. May cause chemical burns in mouth and throat. There is a risk of perforation of the oesophagus and stomach.

SKIN CONTACT

Corrosive. Causes burns.

EYE CONTACT

Strongly corrosive. Causes severe burns and serious eye damage. Immediate first aid is imperative.

TARGET ORGANS

Ingestion of large amounts may cause damage to the kidneys.

12. ECOLOGICAL INFORMATION

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. Do not allow to enter drinking water, waste water or soil.

13. DISPOSAL INFORMATION

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Land transport (USDOT)

Proper shipping name: Sodium hydroxide solution. Hazard class: 8, ID number: UN 1824, Packing group: II, Label: Corrosive

Sea transport (IMDG)

Proper shipping name: Sodium hydroxide solution. Hazard class: 8, ID number: UN 1824, Packing group: II, Label: Corrosive

Air transport (IATA/ICAO)

Proper shipping name: Sodium hydroxide solution. Hazard class: 8, ID number: UN 1824, Packing group: II, Label: Corrosive

15. REGULATORY INFORMATION

All ingredients are listed on the U.S.EPA TSCA inventory of chemical substances.

WHMIS: E: Corrosive Material.

16. OTHER INFORMATION

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