

10% Lactic Acid Solution

SECTION 1: PRODUCT IDENTIFICATION

Product Name: 10% Lactic Acid Solution

Product Code: TS 049

CAS#: NA

CI#: NA

Section 2: Composition/Information on Ingredients

Ingredients

Lactic acid 1.00 gm

Distilled water 10.00 ml

*Irritant material

Lactic acid

CAS No.: 50-21-5

Section 3: Hazards Identification

Hazard: Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage

SECTION 4: FIRST AID MEASURES

In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media. Water spray.

Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING AND STORAGE

Handling - Refer to Section 8

Storage - Store below 2 - 8°C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear liquid
Colour : Light yellow

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Product is stable if stored as per the conditions specified under storage of Section No. 7 .Product loses its potency/performance above 45°C.
Conditions to avoid: Heat and light.
Hazardous polymerization will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects: May be harmful if swallowed.
Exposure can cause: Stomach pains, Vomiting, Diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

SECTION 12: ECOLOGICAL INFORMATION

Data not available

SECTION 13: DISPOSAL CONSIDERATION

On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws

SECTION 14: TRANSPORT INFORMATION

UN No.: Not applicable

SECTION 15: REGULATORY INFORMATION

Risk Phrases : Causes burns
Risk Phrases : Irritating to eyes
Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Safety Phrases : Wear suitable protective clothing

SECTION 16: OTHER INFORMATION

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

