

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-79/79-33-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

79-33-4

Code:

M

RTECS:

OD3100000

Code:

M

Name:

L-LACTIC ACID

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

NONE REQUIRED IF VENTILATION IS ADEQUATE.

Ventilation:

PROVIDE ADEQUATE GENERAL EXHAUST VENTILATION

Protective Gloves:

RUBBER/CHEMICAL RESISTANT

Eye Protection:

SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:

Equipment EYE WASH STATIONS, DELUGE SHOWERS, LAB COAT.

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

SPILLS CONT'D: UPON COMPLETION OF CLEANUP, WASH SITE W/WATER. PH: REAGENT: 5-10.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

CONTAINS L-LACTIC ACID WHICH MAY CAUSE EYE, SKIN & UPPER RESPIRATORY TRACT IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

L-LACTIC ACID-IRRITATION, COUGHING, HEADACHE, SHORTNESS OF BREATH, NAUSEA.

Medical Cond Aggravated By Exposure:

NONE

First Aid:

EYES/SKIN: IMMEDIATELY FLUSH W/LARGE VOLUMES OF FRESH WATER FOR 15 MINS. INGESTION: KEEP WARM & CALM. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

VENTILATE AREA. DRY: MOP UP/PLACE IN SUITABLE CONTAINER/SEAL/LABEL/HOLD FOR DISPOSAL. SOLUTION: USE ABSORBENT MATERIAL TO CONTAIN/PICKUP. ONCE SPENT PLACE ALL CONTAMINATED DISPOSABLES IN SUITABLE CONTAINER/SEAL/LABEL/HOLD FOR DISPOSAL (SEESUPP)

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE AT ROOM TEMP.

Other Precautions:

AVOID CONTACT W/SKIN, EYES. DON'T MOUTH PIPETTE. DON'T EAT, DRINK/SMOKE WHILE WORKING W/REAGENTS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P 2

Flash Point:**Flash Point Text:**

>392F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

USE MEDIA APPROPRIATE FOR SURROUNDING FIRE

Fire Fighting Procedures:

WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE GARMENTS. IF POSSIBLE HAVE THIS PRODUCT REMOVED FROM FIRE SCENE.

Unusual Fire/Explosion Hazard:

N/K

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Amno:****Boiling Point:****B.P. Text:**

N/K

Melt/Freeze Pt:

N/A

M.P/F.P. Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/K

N/Vapor Pres:

N/K

N/Vapor Density:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

N/K 3

VOC Pounds/Gallon:**PH: (SUPP)****VOC Grams/Liter:****Viscosity:**

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

REAGENT-COMPLETE

Appearance and Odor:

CLEAR, COLORLESS LIQUID

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXCESS HEAT, FLAME/PRESSURE

Materials To Avoid:

N/K

Hazardous Decomposition Products:

N/K

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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