

FISHER SCIENTIFIC -- LACTIC ACID, A162-500 -- 6810-00-063-6145

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Product Identification
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Product ID:LACTIC ACID, A162-500

MSDS Date:10/05/1995

FSC:6810

NIIN:00-063-6145

MSDS Number: CHDXZ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:1

B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:LACTIC ACID

CAS:50-21-5

RTECS #:OD2800000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:LACTIC ACID LACTATE; (LACTIC ANHYDRIDE)

CAS:97-73-4

Fraction by Wt: 10-15%

OSHA PEL:N/K

ACGIH TLV:N/K

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Hazards
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Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: CAUSES SEVERE EYE BURNS. MAY CAUSE IRREVERSIBLE EYE INJURY. SKIN: MAY CAUSE SEVERE SKIN IRRITATION. CAUSES SKIN BURNS. INGESTION: CAUSES GASTROINTESTINAL TRACT BURNS. MAY CAUSE PERFORATION OF THE DIGESTIVE TRACT. INHALATION: MAY CAUSE IRRITATION

OF THE RESPIRATORY TRACT WITH BURNING PAIN IN THE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: NOSE AND THROAT, COUGHING, WHEEZING, SHORTNESS OF BREATH AND PULMONARY EDEMA. CHRONIC: NO INFORMATION FOUND. TARGET ORGANS: NONE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: FLUSH EYES W/PLENTY OF WATER FOR AT LEAST 15 MIN,, OC

CASNLY LIFTING UPPER & LOWER LIDS. GET MED AID IMMED. DO NOT ALLOW VICTIM TO RUB OR KEEP EYES CLOSED. SKIN: GET MED AID. IMMED FLUSH SKIN W/P LENTY OF SOAP & WATER FOR AT LEAST 15 MIN WHILE REMOVING CONTAM CLTHG & SHOES. DESTROY CONTAM SHOES. INGEST: IF VICTIM IS CONSCIOUS & ALERT, GIVE 2-4 CUPFULS OF MILK OR WATER. DO NOT INDUCE (SUPDAT)

===== Fire Fighting Measures =====

Extinguishing Media:IN CASE OF FIRE, USE WATER, DRY CHEMICAL, CHEMIC AL FOAM OR ALCOHOL-RESISTANT FOAM.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQUIPMENT. ABSORB SPILL WITH INERT MATERIAL (EG, DRY SAND OR EARTH), THEN PLACE INTO A CHEMICAL WASTE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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==== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. USE WITH ADEQUATE VENTILATION. DO NOT GET ON SKIN OR IN EYES. DO NOT INGEST OR INHALE.

==== Exposure Controls/Personal Protection =====

Respiratory Protection:FOLLOW THE OSHA RESPIRATORY REGULATIONS FOUND IN 29 CFR 1010.134. ALWAYS USE A NIOSH APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATIONS BELOW THE PERMISSIBLE EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES (SOPD)

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .

WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC: VOMIT & SEEK IMMEDIATE MEDICAL ADVICE. INHALATION: GET IMMEDIATE MEDICAL AID. REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. NOTES TO MD: TREAT SYMPTOMATICALLY & SUPPORTIVELY. NO SPECIFIC ANTIDOTE EXISTS. EYE PROTECTION: & FULL LENGTH FACE SHIELD .

==== Physical/Chemical Properties =====

Boiling Point:Boiling Point:252F,122C

Melt/Freeze Point:Melt/Freeze Point:64.0F,17.8C

Vapor Pressure:

19 @ 38C

Specific Gravity:1.2

Solubility in Water:SOLUBLE

Appearance and Odor:VISCOUS COLORLESS LIQUID; ODORLESS.

==== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, BASES AND REDUCING AGENTS.

Stability Condition to Avoid:INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

==== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN A MANNER

ER CONSISTENT WITH FEDERAL,
STATE AND LOCAL REGULATIONS. NOT LISTED AS A MATERIAL BANNED FROM
LAND DISPOSAL ACCORDING TO RCRA.

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