

J.T.BAKER CHEMICAL CO. -- LACTIC ACID -- 6810-00-224-4684

===== Product Identification =====

Product ID:LACTIC ACID

MSDS Date:05/01/1989

FSC:6810

NIIN:00-224-4684

MSDS Number: BLXFY

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:201-859-2151/800-JTBAKER

Emergency Phone Num:201-859-2151/90

8-859-2151

CAGE:DO870

=== Contractor Identification ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

===== Composition/Information on Ingredients =====

Ingred Name:LACTIC ACID

CAS:50-21-5

RTECS #:OD2800000

Fraction by Wt: 80 - 90

%
Other REC Limits:NONE SPECIFIED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 10 - 20%
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 3730 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INGESTION:IRRITATION & BURNS TO MOUTH & STOMACH,NAUSEA,VOMITING.EYE/SKIN:SEVERE IRRITATION/BURNS.INHALATION:COUGHING,DIFFICULT BREATHING.CHRONIC-MAY CAUSE SKIN IRRITATION & BURNS.
Effects of Overexposure:INGESTION CAUSES IRRITATION & BURNS TO MOUTH & STOMACH, NAUSEA AND VOMITING. SEVERE IRRITATION OR BURNS TO EYE AND SKIN. INHALATION CAUSES COUGHING AND DIFFICULTY IN BREATHING.
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:GET MEDICAL CARE IN ALL CASES.EYES/SKIN:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.KEEP EYELIDS OPEN.INHALATION:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.INGESTION:IF CONSCIOUS,DRINK MILK/WATER O R MILK OF MAGNESIA.DO NOT INDUCE VOMITING.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE. COOL CONTAINERS EXPOSED TO FIRE WITH WATER SPRAY.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:CARBON MONOXIDE AND CARBON DIOXIDE

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

Spill Release Procedures:WEAR PROPER PROTECTIVE EQUIPMENT. VENTILATE AREA. STOP LEAK IF POSSIBLE. NEUTRALIZE WITH SODA ASH OR LIME. WITH CLEAN SHOVEL, PLACE MATERIAL INTO CLEAN CONTAINER FOR DISPOSAL. FLUSH SPILL AREA WITH WATER.
Neutralizing Agent:SODA ASH, LIME, SODIUM

UM BICARBONATE

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

Handling and Storage Precautions: STORAGE-STORE IN TIGHTLY CLOSED CONTAINERS, IN CORROSION-PROOF AREA, AWAY FROM METALS, BASES & OXIDIZERS.

Other Precautions: STORAGE COLOR CODE: WHITE STRIPE (STORE SEPARATELY). DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID BREATHING VAPORS OR MIST. USE WITH ADEQUATE VENTILATION. PROTECT CONTAINERS AGAINST SPILLAGE AND PHYSICAL INJURY.

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

Respiratory Protection: USE NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH) OR MINE SAFETY AND HEALTH ADMINISTRATION (MSHA) APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE WHEN PERMISSIBLE EXPOSURE LIMITS ARE EXCEEDED.

Ventilation: PROVIDE GENERAL VENTILATION OR LOCAL EXHAUST TO MEET OSHA PERMISSIBLE EXPOSURE LIMITS (OSHA PEL).

Protective Gloves: NITRILE, NEOPRENE, VINYL

Eye Protection: CHEMICAL SAFETY GOGGLES & FACE SHIELD

Other Protective Equipment: USE RUBBER SPLASH APRON AND RUBBER BOOTS. EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY. DO NOT WEAR CONTACT LENSES

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE P/N A UNDER THE SAME NSN.

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

HCC: C3

Melt/Freeze Pt: M.P/F.P Text: 64F

Spec G

Gravity: 1.25

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS TO YELLOW LIQUID - ODORLESS

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, NITRIC ACID, HYDROGEN FLUORIDE, STRONG BASES

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods: CONTACT FEDE

RAL, COUNTY, AND LOCAL ENVIRONMENTAL
REGULATORS FOR GUIDANCE REGARDING PROPER DISPOSAL.

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