



LACTIC ACID 0.1 NORMAL VOLUMETRIC SOLUTION

[Product and Company Identification](#)
[Composition/Information on Ingredients](#)
[Hazards Identification](#)
[First Aid Measures](#)
[Fire Fighting Measures](#)
[Accidental Release Measures](#)
[Handling and Storage](#)
[Exposure Controls/Personal Protection](#)

[Physical and Chemical Properties](#)
[Stability and Reactivity](#)
[Toxicological Information](#)
[Ecological Information](#)
[Disposal Considerations](#)
[Transport Information](#)
[Regulatory Information](#)
[Other Information / Hazmat Info / Hazcom Label](#)

MSDS Safety Information

FSC:	6550
MSDS Date:	02/04/1987
MSDS Num:	BJHKG
Submitter:	F BT
LIIN:	00F013227
Tech Review:	11/27/1990
Status CD:	C
MFN:	01
Article:	N
Kit Part:	N
Responsible Party	DO886
Name:	MALLINCKRODT, INC/SCIENCE PRODS DIVISION
Address:	N/K
Box:	M
City:	PARIS

State: KY
Zip: 40361
Country: NK
Info Phone Number (314) 982-5000
Emergency Phone Number (314) 982-5000
Preparer's Name: N/P
Proprietary Ind: N
Review Ind: Y
Published: Y
Special Project CD: N

Preparer Company when other than Responsible Party Company

Cage: [DO886](#)
Assigned Ind: Y
Name: MALLINCKRODT, INC.
Address: NONE SPECIFIED BY MANUFACTURER.
Box: M
City: PARIS
State: KY
Zip: 40361
Cage: [62910](#)
Address: 222 RED SCHOOL LANE
City: PHILLIPSBURG
State: NJ
Zip: 08865
Country: US
Phone: 908-859-2151

Cage: [DO886](#)
Address: NONE SPECIFIED BY MANUFACTURER.
Box: M
City: PARIS
State: KY

Zip: 40361
Country: US
Phone: 314-982-5000

Ingredients

Cas:	50-21-5
Code:	M
RTECS #:	OD2800000
Code:	M
Environmental Wt:	
Other REC Limits:	N/K
OSHA PEL:	N/K
Code:	M
Code:	
Code:	M
Code:	
Ozone Depleting Chemical:	N

Health Hazards Data

LD50 LC50 Mixture	ORAL RAT LD50 = 3730 MG/KG
Route Of Entry Inds - Inhalation:	YES
Skin:	YES
Ingestion:	YES
Carcinogenicity Inds - NTP:	NO
IARC:	NO
OSHA:	NO
Health Hazards Acute And Chronic	INGESTION: LARGE DOSES MAY CAUSE GASTRO-INTESTINAL UPSET. SKIN: IRRITATION. EYES: NO ADVERSE EFFECTS EXPECTED BUT DUST MAY CAUSE MECHANICAL IRRITATION. INHALATION: ANY BREATHING

Explanation Of Carcinogenicity	DIFFICULTY.
Signs And Symptions Of Overexposure	NONE
Medical Cond Aggravated By Exposure	INGESTION: LARGE DOSES MAY CAUSE GASTRO-INTESTINAL UPSET. SKIN: IRRITATION. EYE: NO ADVERSE EFFECTS EXPECTED BUT DUST MAY CAUSE MECHANICAL IRRITATION. INHALATION: ANY BREATHING DIFFICULTY.
	N/K

First Aid

INHALATION: REMOVE TO FRESH AIR. GET MED ATTN FOR ANY BREATHING DIFFICULTY. INGESTION: IF LARGE AMOUNTS WERE SWALLOWED, GIVE WATER TO DRINK & GET MED ADVICE. SKIN: WASH EXPOSED AREA W/SOAP & WATER. GET MED ADVICE IF IRRITATION DEVELOPS. EYE : WASH THOROUGHLY W/RUNNING WATER. GET MED ADVICE IF IRRITATION DEVELOPS.

Spill Release Procedures

VENTILATE AREA OF LEAK OR SPILL. CLEAN-UP PERSONNEL REQUIRED PROTECTIVE CLOTHING. LARGER SPILLS: ABSORB W/VERMICULITE, DRY SAND, EARTH, OR SIMILAR MATERIAL FOR DISPOSAL AS HAZARDOUS WASTE IN A RCRA APPROVED FACILITY. DON'T FLUSH TO SEWER.

Neutralizing Agent N/K

Waste Disposal Methods**Handling and Storage Precautions**

Other Precautions	N/K
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Fire and Explosion Hazard Information

Flash Point Method:	N/P
Flash Point:	
Flash Point Text:	N/K
Autoignition Temp:	
Autoignition Temp Text:	N/A
Lower Limits:	N/K
Upper Limits:	N/K
Extinguishing Media	USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.
Fire Fighting Procedures	IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING/NIOSH-APPROVED SCBA W/FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard	NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

Control Measures

Ventilation	NOT EXPECTED TO REQUIRED ANY SPECIAL VENTILATION
Protective Gloves	PROTECTIVE
Eye Protection	SAFETY GLASSES
Other Protective Equipment	CLEAN BODY-COVERING CLOTHING
Work Hygienic Practices	AS PART OF GOOD INDUSTRIAL/PERSONAL HYGIENE/SAFETY PROCEDURE.
Supplemental Safety and	N/K

Health**Physical/Chemical Properties****HCC:****NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:** 212F**Reactivity Data**

Stability Indicator:	YES
Stability Condition To Avoid:	FREEZING
Materials To Avoid:	N/K
Hazardous Decomposition Products:	ACRID FUMES, SMOKE & CARBON OXIDES
Hazardous Polymerization Indicator:	NO

Toxicological Information**Toxicological Information:** N/P**Ecological Information****Ecological:** N/P**MSDS Transport Information****Transport 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

HMIS HAZCOM Label

Product Name: LACTIC ACID 0.1 NORMAL
VOLUMETRIC SOLUTION
Cage: [DO886](#)
Assigned IND: Y
Company Name: MALLINCKRODT, INC.
Street: NONE SPECIFIED BY MANUFACTURER.
PO Box: M
City: PARIS
State: KY
Zipcode: 40361
Country: US
Health Emergency Phone: (314) 982-5000
Label Required IND: Y
Date Of Label Review: 12/16/1998
Status Code: C
MFG Label NO:
Label Date: 12/16/1998
Year Procured: N/K
Origination Code: G
Chronic Hazard IND: N/P
Eye Protection IND: N/P

Skin Protection IND:	N/P
Signal Word:	N/P
Respiratory Protection IND:	N/P
Health Hazard:	
Contact Hazard:	
Fire Hazard:	
Reactivity Hazard:	

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