

LAMOTTE CHEMICAL PRODUCTS CO -- MANGANOUS SULFATE SOLUTION,4167-G

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MSDS Safety Information
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FSC: 6810
NIIN: 01-271-4037
MSDS Date: 01/08/1992
MSDS Num: BGSJH
Product ID: MANGANOUS SULFATE SOLUTION,4167-G
MFN: 01
Responsible Party
Cage: 34807
Name: LAMOTTE CHEMICAL PRODUCTS CO
Address: RT 213 N
Box: 329
City:
CHESTERTOWN MD 21620
Info Phone Number: 301-778-3100
Emergency Phone Number: 301-778-3100
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 59896
Name: CAROLINA BIOLOGICAL SUPPLY CO
Address: 2700 YORK RD
City: BURLINGTON NC 27215-3387
Phone: 800-227-1150/910-584-0381
Cage: 34807
Name: LAMOTTE COMPANY
Address: 802 WASHINGTON AVE.
Box: 329
City: CHESTERTOWN MD
21620
Phone: 410-778-3100

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Item Description Information
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Item Manager: S9G
Item Name: MANGANESE SULFATE SOLUTION
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: BT
Quantitative Expression: 00000000025ML
UI Container Qty: 0
Type of Container: BOTTLE

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Ingredients
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Cas: 10034-96-5

RTECS #: OP0893500

Name: MANGANOUS SULFATE

% Wt: 36.3

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG MN/M3 CEILING

ACGIH TLV: 5 MG MN/M3

Cas: 7732-18-5

RTECS #: ZC0110000

Name: WATER

% Wt: BALANCE

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT RELEVANT

ACGIH TLV: NOT RELEVANT

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL, RAT)

IS NOT KNOWN.

Route Of Entry Inds - Inhalation: NO

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYE, SKIN, GASTROINTESTINAL TRACT. ACUTE-
EYE OR SKIN CONTACT MAY CAUSE IRRITATION. INHALATION IS UNLIKELY IN NORMAL
USE. ACUTE ORAL TOXICITY IS UNKNOWN. MAY CAUSE GASTRIC DISTRESS. CHRO NIC-
UNKNOWN.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, NAUSEA, VOMITING, TEARING

Medical Cond Aggravate

d By Exposure: UNKNOWN

First Aid: CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER
FOR 15 MINUTES. HOLD EYELIDS OPEN. CONSULT A PHYSICIAN. SKIN:WASH WITH SOAP
& WATER. INHALED:NOT NEEDED. ORAL:IF CONSCIOUS, DRINK W ATER & INDUCE
VOMITING IMMEDIATELY. CALL A PHYSICIAN/POISON CONTROL CENTER. NEVER GIVE
FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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Handling and Disposal
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Spill Release Procedures: FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, ABSORB SPILL WITH INERT MATERIAL SUCH AS VERMICULITE. PLACE IN A CONTAINER FOR DISPOSAL. CLEAN AREA THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH DOWN DRAIN WITH EXCESS WATER.

Handling And Storage Precautions: STORE IN COOL PLACE.

Other Precautions: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES OR ON SKIN.

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Fire and Explosion Hazard Information
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Flash Point Text: NONE

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: NONE

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Control Measures
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Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST.

Ventilation: ADEQUATE

Protective Gloves: LATEX TO PREVENT SKIN CONTACT

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

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Physical/Chemical Properties
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HCC: C3

NRC/State LIC No: NOT RELEVANT

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Spec Gravity: UNKNOWN

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H: 3
Viscosity: UNKNOWN
Evaporation Rate & Reference: UNKNOWN
Solubility in Water: SOLUBLE
Appearance and Odor: PINK LIQUID
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: UNKNOWN
Materials To Avoid: UNKNOWN
Hazardous Decomposition Products: UNKNOWN
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVAN
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 34807
Trans ID NO: 120729
Product ID: MANGANOUS SULFATE SOLUTION,4167-G
MSDS Prepared Date: 01/08/1992
Review Date: 10/22/1996
MFN: 1
Radioactivity: NOT

RELEVANT
Net Unit Weight: UNKNOWN
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BT
Container QTY: 0
Type Of Container: BOTTLE
Additional Data: USED WITH WATER TEST KIT.

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: MANGANOUS SULFATE SOLUTION,4167-G
Cage: 34807
Company Name: LAMOTTE COMPANY
Street: 802 WASHINGTON AVE.
PO Box: 329
City: CHESTERTOWN MD
Zipcode: 21620
Health Emergency Phone: 301-778-3100
Label Required IND: Y
Date Of Label Review: 10/22/1996
Status Code: C
MFG Label NO: UNKNOWN

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Label Date: 10/22/1996
Year Procured: 1996
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKIN, GI TRACT. ACUTE- EYE/SKIN CONTACT MAY CAUSE IRRITATION. INHALATION IS UNLIKELY. ACUTE ORAL TOXICITY IS UNKNOWN. MAY CAUSE GASTRIC DISTRESS. CHRONIC- UNKNOWN. STORE IN COOL PLACE. FLUSH SPILL TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND. PLACE IN A CONTAINER FOR DISPOSAL. FIRST AID- CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CONSULT A PHYSICIAN. SKIN:WASH WITH SOAP & WATER. INHALED:NOT NEEDED. ORAL:IF CONSCIOUS, DRINK WATER & INDUCE VOMITING IMMEDIATELY. CALL A PHYSICIAN/POISON CONTROL CENTER.

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