

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

MSDS Safety Information

FSC: 6810
NIIN: 01-271-4037
MSDS Date: 01/08/1992
MSDS Num: BGSHJ
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 Ph
one Number: 301-778-3100
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

Contractor Summary

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

Item Description Information

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

Ingredients

Cas: 10034-96-5
RTECS #: OP0893500
Name: MANGANOUS SULFATE
% W

t: 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. CHRONIC-
UNKNOWN.

Explanation Of Carcinogenicity: NONE

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

Medical Condition Aggravated 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 WATER & 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 Procedure

es: 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
CON TAMINATION.

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 PROTECTI
VE 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 S
HOWER, 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

PH: 3

Viscosity: UNKNOWN

Evaporation Rate & Reference: UNKNOWN

Solubility in Water: SOLUBLE
Appearance and Odor: PINK LIQUID
Corrosion Rate: UNKNOWN

Reactivity Data

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 RELEVANT

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

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
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 PLA CE.
FLUSH SPILL TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE,
ABSO
RB SPILL WITH INERT MATERIAL SUCH AS SAND. PLACE IN A CONTAINER FOR
DISPOSAL. FIRST AID- CALL PHYSICIAN IF SYMPTOMS PER SIST. 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 IMMEDIA TELY. CALL A PHYSICIAN/POISON CONTROL
CENTER.

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