

MATERIAL SAFETY DATA SHEET

4451, Iron Reagent #2 Powder

Lamotte Company

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MSDS Safety Information
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MSDS Date: 09/20/2000
MSDS Number: CLKZT
Product ID: 4451, IRON REAGENT #2 POWDER
MFN: 01
Kit Part: Y
RESPONSIBLE PARTY
Cage: 1NSJ1
Name: Lamotte Company
Address: 802 Washington Ave.
Box 329
Chestertown MD 21620
Info Phone Number: 419-778-3100
Emergency Phone Number: 800-255-3924
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.
Burlington NC 27215-3387
Phone: 800-227-1150 / 910-584-0381
Contract Number: MDA414-01-P-2039
Cage: 1NSJ1
Name: Lamotte Company
Address: 802 Washington Ave.
Box 329
Chestertown MD 21620
Phone: 419-778-3100
Cage: 34807
Name: Lamotte Company
Address: 802 Washington Ave.
Box 329
Chestertown MD 21620
Phone: 410-778-3100

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INGREDIENTS
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CAS# : 7681-57-4
RTECS # : UX8225000
Name: Disodium Metabisulfate
Percent by WT: 87
ACGIH TLV: 5 mg/m3
ACGIH STEL: Not Established

CAS # : 366-18-7
RTECS #: DW1750000
Name: BIPRIDYL
Percent by WT: 7

Name: ALL OTHER INGREDIENTS ARE PROPRIETARY NJTSRN 80100291-5006P
Percent by WT: 2.3

CAS#: 7757-83-7
RTECS #: WE2150000
Name: SODIUM SULFITE
Percent by WT: 3
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HEALTH HAZARDS DATA

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Route of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES **Carcinogenicity Inds - NTP:** NO
IARC: NO
OSHA: NO
Effects of Exposure:
TARGET ORGANS: Skin, Respiratory System.
Explanation of Carcinogenicity: NONE. Sodium Metabisulfite Investigated as a Tumorigen, Mutagen, Reproductive effector.
Signs and Symptoms of Overexposure: MAY BE HARMFUL IF SWALLOWED. MAY IRRITATE EYES, NOSE, SKIN, RESPIRATORY TRACT. SEVERE REACTION IN PERSONS ALLERGIC TO SULFITE.
Medical Conditions Aggravated by Exposure: ASTHMA
First Aid:
EYE: Flush with water for 15 minutes. Consult Physician.
INGESTION: Rinse out mouth. Induce vomiting. Drink plenty of water. Call Doctor.
INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.
SKIN: Wipe off excess material from skin with water for 15 minutes. Wash skin with soap and water.

HANDLING AND DISPOSAL

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Spill Release Procedures: AVOID RAISING OR BREATHING DUST. Sweep up. Dissolve in water and flush down drain with excess water.
Waste Disposal Methods: Dissolve with water. Flush down drain with excess water. Dispose of according to Federal, State and Local Regulations.
Other Precautions: Use with adequate ventilation.

FIRE AND EXPLOSION HAZARD INFORMATION

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Extinguishing Media: NOT A FIRE HAZARD.
Fire Fighting Procedures: FIRE FIGHTERS WEAR SELF-CONTAINED BREATHING APPARATUS.

CONTROL MEASURES

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Ventilation: NORMAL
Protective Gloves: YES
Eye Protection: YES
Other Protective Equipment: LAB COAT
Work Hygienic Practices: AVOID INHALATION OF POWDER CONTACT WITH EYES OR SKIN.
Supplemental Safety and Health:
HAZARD: HEALTH-2, FLAMMABILITY-0, REACTIVITY-1.

SCALE: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Least.
"SEE OTHER INFORMATION"

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PHYSICAL / CHEMICAL PROPERTIES

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HCC: F2
M.P./F.P. Text: UNKNOWN
PH: 6
Solubility in Water: SOLUBLE
Appearance and Odor: Gray odorless powder

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REACTIVITY DATA

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Stability Indicator: YES
Stability Condition to Avoid: Moisture, Heat, Flame, and Ignition Sources.
Materials to Avoid: Strong Acids, Bases, Aluminum Powder.
Hazardous Decomposition Products: Contact with moisture (water, wet ice, etc)
Can release Sulfur Dioxide Gas.

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TOXICOLOGICAL INFORMATION

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Toxicological Information:
Toxicity: BIPRIDYL TOXIC INTERNALLY. ORAL RAT LD50:100 mg/kg for Bypridyl Solid.

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OTHER INFORMATION:

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Other Information: Item is part of a 20 pc. Kit for Iron High Range Refill Kit # 65-2877 from Carolina Biological. 4450, 4451, 2210, 2246, 4253, 4100, 4167, 4169, 4170, 6286, 7166, 7424, 4410, 6405, 7460, 7461, 4259, 4483, 4484, 5250, Part of 20 pc. Freshwater Refill Kit #65-2926. SEE MSDS SERIAL #CLKNF, CLKNM, CLKNQ, CLKNS, CLKNT, CLKRH, CLKRJ, CLKRS, CLKRV, CLKZW, CLKZX, CLKZY, CLKZZ, CLLBB, CLLBD, CLLBW, CLLCC, and CLLFC.

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TRANSPORTATION INFORMATION

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Responsible Party Cage: 1NSJ1
Trans ID NO: 158704
Product ID: 4451, Iron Reagent #2 Powder (SEE SUPPL)
MSDS Prepared Date: 09/20/2000
Review Date: 09/06/2001
MFN:1
Multiple KIT Number: 0
Kit Part IND: YES
Review IND: YES
Unit of Issue: CY
Type of Container: CYLINDER

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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 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: 4451, IRON REAGENT #2 POWDER (SEE SUPPL)

Cage: 1NSJ1

Company Name: Lamotte Company
802 Washington Ave.
Box 329
Chestertown MD 21620

Health Emergency Phone: 800-255-3924 CHEM-TEL

Label Required IND: YES

Date Of Label Review: 09/06/2001

Status Code: A

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: NO

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: Slight

Hazard and Precautions:

TARGET ORGANS: Skin, Respiratory System.

**MAY BE HARMFUL IF SWALLOWED. MAY IRRITATE EYES, NOSE, SKIN,
RESPIRATORY TRACT. SEVERE ALLERGIC REACTION IN PERSONS ALLERGIC TO
SULFITE.**
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