

213-217 lab



ALDON CORP -- IRON METAL POWDER -- 0000-

MSDS Safety Information

MSDS Date: 12/10/1996
MSDS Num: CLFDT
Tech Review: 06/17/2001
Product ID: IRON METAL POWDER
Responsible Party
Cage: 6V042
Name: ALDON CORP
Address: 1533 W HENRIETTA RD
City: AVON NY 14414 US
Info Phone Number: 716-226-6177
Emergency Phone Number: 716-226-6177 (DAY)
Resp. Party Other MSDS No.: MSDS NO. IX 215 REV 6 NASCO #SB10501M

Ingredients

Cas: 7439-89-6
Code: F
RTECS #: NO4565500
Name: IRON METAL
Percent by Wt: 100.
Other REC Limits: NOT PROVIDED
OSHA PEL: NONE ESTABLISHED
ACGIH TLV: NONE ESTABLISHED
Ozone Depleting Chemical: N

Health Hazards Data

LD50 LC50 Mixture: NOT PROVIDED
Route Of Entry Inds - Inhalation: NO
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: EFFECTS OF OVEREXPOSURE: IRON DUST IS A SKIN, EYE AND MUCOUS MEMBRANE IRRITANT. CAN CAUSE IRRITATION AND INFLAMMATION OF THE EYES AND LUNGS. EXERCISE APPROPRIATE PROCEDURES TO MINIMIZE POTENTIAL HAZAR DS.
Explanation Of Carcinogenicity: NONE
Signs And Symptions Of Overexposure: IRON DUST IS A SKIN, EYE AND MUCOUS MEMBRANE IRRITANT. CAN CAUSE IRRITATION AND INFLAMMATION OF THE EYES AND LUNGS.
First Aid: EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES, LIFTING LOWER AND UPPER EYELIDS OCCASIONALLY. IF IRRITATION DEVELOPS OR PERSISTS, GET MEDICAL ATTENTION. SKIN: FLUSH WITH WATER, THEN WASH WI TH SOAP AND WATER. INHALATION AS DUST: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SYMPTOMS OF ILLNESS DEVELOP, GET MEDICAL ATTENTIO N.

Handling and Disposal

Spill Release Procedures: SWEEP UP FOR RECYCLING OR PLACE IN A SUITABLE CONTAINER FOR DISPOSAL.
te Disposal Methods: DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. THESE DISPOSAL GUIDELINES ARE INTENDED FOR CATALOG-SIZE QUANTITIES ONLY. UNCONTAMINATED MATERIAL MAY BE DISPOSED OF

IN A SANITARY LANDFILL.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE, AWAY FROM ACIDS AND OXIDIZERS. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER TIGHTLY CLOSED. REMOVE AND WASH CONTAMINATED CLOTHING.

Other Precautions: WARNING. IRON POWDER DISPERSED IN AIR MAY CONSTITUTE A FIRE AND/OR EXPLOSION HAZARD.

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Fire and Explosion Hazard Information  
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Flash Point Text: NON-FLAMMABLE.

Extinguishing Media: USE ANY MEDIA SUITABLE FOR EXTINGUISHING SUPPORTING FIRE.

Fire Fighting Procedures: WEAR A NIOSH/MSHA-APPROVED SELF-CONTAINED BREATHING APPARATUS. (1993 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.6, GUIDE PAGE NO. 32).

Unusual Fire/Explosion Hazard: A FIRE HAZARD IN THE FORM OF FINE DUST OR BY CHEMICAL REACTION WITH STRONG OXIDIZERS.

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Control Measures  
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Respiratory Protection: NONE SHOULD BE NEEDED IN NORMAL LABORATORY HANDLING. IF DUSTY CONDITIONS PREVAIL, WEAR A NIOSH-APPROVED DUST MASK.

Ventilation: IF DUSTY, MECHANICAL (GENERAL).

Protective Gloves: NONE NEEDED.

Eye Protection: CHEMICAL SAFETY GLASSES.

Other Protective Equipment: GOGGLES, EYE WASH STATION, LAB COAT.

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Physical/Chemical Properties  
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HCC: F8

/State LIC No: NOT RELEVANT

Boiling Point: =3000.C, 5432.F

Melt/Freeze Pt: =1535.C, #####F

Decomp Text: NOT RELEVANT

Vapor Pres: 1 @ 1787C

Vapor Density: 1.93

Spec Gravity: 7.86

PH: NOT RELEVANT

Viscosity: NOT RELEVANT

Solubility in Water: INSOLUBLE

Appearance and Odor: GRAY-BLACK GRANULATED OR POWDER; NO ODOR.

Percent Volatiles by Volume: NEGLIGIBLE

Corrosion Rate: NOT PROVIDED

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: OXIDIZES READILY IN MOIST AIR.

Materials To Avoid: STRONG OXIDIZERS, ACIDS. REACTS VIOLENTLY WITH CL2, CLF2, F2, H2O2, NO2, P, H2SO4.

Hazardous Decomposition Products: NONE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT APPLICABLE.

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Toxicological Information  
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Toxicological Information: NOT PROVIDED

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Ecological Information  
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Ecological: NOT PROVIDED

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MSDS Transport Information

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Transport Information: D.O.T.: METAL POWDERS, FLAMMABLE, N.O.S., (IRON POWDER), 4.1, UN 3089, PG III.

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Regulatory Information

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Sara Title III Information: NOT PROVIDED  
 Federal Regulatory Information: NOT PROVIDED  
 State Regulatory Information: NOT PROVIDED

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Other Information

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Other Information: WARNING! IRON POWDER DISPERSED IN AIR MAY CONSTITUTE A FIRE AND/OR EXPLOSION HAZARD.

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Transportation Information

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Responsible Party Cage: 6V042  
 Trans ID NO: 157493  
 Product ID: IRON METAL POWDER  
 MSDS Prepared Date: 12/10/1996  
 Review Date: 06/17/2001  
 Article W/O MSDS: N  
 Limited Quantity IND: N  
 Multiple KIT Number: 0  
 Review IND: N  
 Unit Of Issue: CY  
 Type Of Container: CYLINDER  
 Additional Data: PSN PER MSDS.

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Detail DOT Information

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DOT PSN Code: JDJ  
 DOT Proper Shipping Name: METAL POWDERS, FLAMMABLE, N.O.S.  
 Hazard Class: 4.1  
 UN ID Num: UN3089  
 DOT Packaging Group: II  
 Label: FLAMMABLE SOLID  
 Packaging Exception: 151  
 Non Bulk Pack: 212  
 Bulk Pack: 240  
 Max Qty Pass: 15 KG  
 Max Qty Cargo: 50 KG  
 Vessel Stow Req: B

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Detail IMO Information

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IMO PSN Code: JOI  
 IMO Proper Shipping Name: METAL POWDER, FLAMMABLE, N.O.S. ++  
 IMDG Page Number: 4157  
 UN Number: 3089  
 UN Hazard Class: 4.1  
 IMO Packaging Group: II/III  
 Subsidiary Risk Label: -  
 Number: 4.1-02  
 MED First Aid Guide NUM: \*

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## Detail IATA Information

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IATA PSN Code: QFY
UN ID Num: 3089
IATA Proper Shipping Name: METAL POWDER, FLAMMABLE, N.O.S.
IATA UN Class: 4.1
IATA Label: FLAMMABLE SOLID
UN Packing Group: II
Packing Note Passenger: 415
Max Quant Pass: 15KG
Max Quant Cargo: 50KG
Packaging Note Cargo: 417
Exceptions: A3
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## Detail AFI Information

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AFI PSN Code: QFY
AFI Proper Shipping Name: METAL POWDERS, FLAMMABLE, N.O.S.
AFI Hazard Class: 4.1
AFI UN ID NUM: UN3089
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A8.4
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## HAZCOM Label

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Product ID: IRON METAL POWDER
Cage: 6V042
Company Name: AL-DON CHEMICALS INC
Street: 1533 W HENRIETTA RD
City: AVON NY
Zipcode: 14414-9508 US
Health Emergency Phone: 716-226-6177 (DAY)
Date Of Label Review: 06/17/2001
Eye 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: EFFECTS OF OVEREXPOSURE: IRON DUST IS A SKIN, EYE
AND MUCOUS MEMBRANE IRRITANT. CAN CAUSE IRRITATION AND INFLAMMATION OF
THE EYES AND LUNGS. EXERCISE APPROPRIATE PROCEDURES TO MINIMIZE
POTENTIAL HAZAR DS.
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