

IRON METAL FILINGS

Division of Facilities Services
DOD Hazardous Material Information (ANSI Format)
For Cornell University Convenience Only

IRON METAL FILINGS

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Section 1 - Product and Company Identification
IRON METAL FILINGS

Product Identification: IRON METAL FILINGS
Date of MSDS: 12/10/1996 Technical Review Date: 02/10/2000
FSC: NIIN: EMPTY
Submitter: D DG
Status Code: A
MFN: 01
Article: N
Kit Part: N

Manufacturer's Information
Manufacturer's Name: ALDON CORP.
Manufacturer's Address1: 1533 W HENRIETTA RD
Manufacturer's Address2: AVON, NY 14414
Manufacturer's Country: US
General Information Telephone: 716-226-6177
Emergency Telephone: 716-226-6177
Other Number for MSDS Information: IX 210

Emergency Telephone: 716-226-6177
MSDS Preparer's Name: MICHAEL RASZEJA
Chemtec Telephone: (800)424-9300
Proprietary: N
Reviewed: Y
Published: Y
CAGE: EO228

Contractor Information

Contractor's Name: ALDON CORP.
Contractor's Address1: 1533 W HENRIETTA RD
Contractor's Address2: AVON, NY 14414
Contractor's Telephone: 716-226-6177
Contractor's CAGE: EO228

Contractor Information

Contractor's Name: WARDS NATURAL SCIENCE ESTABLISHMENT INC
Post Office Box: 92912
Contractor's Address1: 5100 W HENRIETTA RD
Contractor's Address2: ROCHESTER, NY 14692-9012
Contractor's Telephone: (716) 359-2502
Contract Number: MDA414-99-A-0024-0023
Contractor's CAGE: 63759

Section 2 - Compositon/Information on Ingredients
IRON METAL FILINGS

Ingredient Name: IRON METAL
Ingredient CAS Number: 7439-89-6 Ingredient CAS Code: T
RTECS Number: NO4565500 RTECS Code: T
=WT: 100. =WT Code: M
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text:
% Enviromental Weight:
Other REC Limits: N/P
OSHA PEL: N/P OSHA PEL Code:
OSHA STEL: N/P OSHA STEL Code:
ACGIH TLV: N/P ACGIH TLV Code:
ACGIH STEL: N/P ACGIH STEL Code:
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview
IRON METAL FILINGS

Health Hazards Acute & Chronic: 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 HAZARDS.

Signs & Symptoms of Overexposure:
N/P

Medical Conditions Aggravated by Exposure:
N/P

LD50 LC50 Mixture: ORAL LD50 (RAT) :UNKNOWN

Route of Entry Indicators:

Inhalation: N/P

Skin: N/P

Ingestion: N/P

Carcinogenicity Indicators

NTP: N/P

IARC: N/P

OSHA: N/P

Carcinogenicity Explanation: N/P

Section 4 - First Aid Measures
IRON METAL FILINGS

First Aid:

EYES-FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15, LIFTING LOWER AND UPPER EYELIDS OCCASIONALLY. IF IRRITATION DEVELOPS OR PERSISTS, GET MEDICAL ATTENTION. SKIN-FLUSH WITH WATER, THEN WASH WITH 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 DEVELOPS, GET MEDICAL ATTENTION.

Section 5 - Fire Fighting Measures
IRON METAL FILINGS

Fire Fighting Procedures:

WEAR A NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS

Unusual Fire or Explosion Hazard:

A FIRE HAZARD IN THE FORM OF A FINE DUST OR BY CHEMICAL REACTION WITH STRONG OXIDIZERS.

Extinguishing Media:

USE ANY MEDIA SUITABLE FOR EXTINGUISHING SUPPORTING FIRE.

Flash Point: Flash Point Text: N/P

Autoignition Temperature:

Autoignition Temperature Text: N/P

Lower Limit(s):

Upper Limit(s):

Section 6 - Accidental Release Measures
IRON METAL FILINGS

Spill Release Procedures:
SWEEP UP FOR RECYCLING OR PLACE IN A SUITABLE CONTAINER FOR DISPOSAL.

Section 7 - Handling and Storage
IRON METAL FILINGS

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection
IRON METAL FILINGS

Respiratory Protection:
NONE SHOULD BE NEEDED IN NORMAL HANDLING. IF DUSTY CONDITIONS PREVAIL, WEAR A NIOSH/MSHA-APPROVED DUST MASK OR RESPIRATOR.
Ventilation:
LOCAL EXHAUST: RECOMMENDED. MECHANICAL (GENERAL): IF DUSTY.
Protective Gloves:
NONE NEEDED.
Eye Protection: CHEMICAL SAFETY GLASSES.
Other Protective Equipment: GOGGLES, EYE WASH STATION, LAB COAT.
Work Hygenic Practices: REMOVE AND WASH CONTAMINATED CLOTHING. WASH THOROUGHLY AFTER HANDLING.
Supplemental Health & Safety Information: N/P

Section 9 - Physical & Chemical Properties
IRON METAL FILINGS

HCC: N1
NRC/State License Number:
Net Property Weight for Ammo:
Boiling Point: =1535.C, 2795.F Boiling Point Text:
Melting/Freezing Point: =3000.C, #####F Melting/Freezing Text:
Decomposition Point: Decomposition Text: N/P
Vapor Pressure: 1 MM AT 1787C Vapor Density: 1.93
Percent Volatile Organic Content:
Specific Gravity: 7.86
Volatile Organic Content Pounds per Gallon:
pH: N/P

Volatile Organic Content Grams per Liter:
Viscosity: N/P
Evaporation Weight and Reference: N/P
Solubility in Water: INSOLUBLE.
Appearance and Odor: GRAY-BLACK GRANULATED OR POWDER; NO ODOR.
Percent Volatiles by Volume: NEGLIGIBLE
Corrosion Rate: N/P

Section 10 - Stability & Reactivity Data
IRON METAL FILINGS

Stability Indicator: YES
Materials to Avoid:
STRONG OXIDIZERS, ACIDS. REACTS VIOLENTLY WITH CL₂, CIF₂, F₂, H₂OS, NO₂, P,
H₂SO₄.
Stability Condition to Avoid:
OXIDIZES READILY IN MOIST AIR.
Hazardous Decomposition Products:
NONE.
Hazardous Polymerization Indicator: NO
Conditions to Avoid Polymerization:
N/P

Section 11 - Toxicological Information
IRON METAL FILINGS

Toxicological Information:
TLV: NONE ESTABLISHED.

Section 12 - Ecological Information
IRON METAL FILINGS

Ecological Information:
N/P

Section 13 - Disposal Considerations
IRON METAL FILINGS

Waste Disposal Methods:
DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS.
THESE GUIDELINES ARE INTENDED FOR THE DISPOSAL OF CATALOG-SIZE QUANTITIES ONLY.
UNCONTAMINATED MATERIALS MAY BE DISPOSE D OF IN A SANITARY LANDFILL.

Section 14 - MSDS Transport Information
IRON METAL FILINGS

Transport Information:
NON REGULATED.

Section 15 - Regulatory Information
IRON METAL FILINGS

SARA Title III Information:
N/P
Federal Regulatory Information:
N/P
State Regulatory Information:
N/P

Section 16 - Other Information
IRON METAL FILINGS

Other Information:
CAUTION! IRON DUST DISPERSED IN AIR MAY CONSTITUTE A FIRE AND/OR EXPLOSION
HAZARD. . **WARD'S P/N: 372315**

HMIS Transportation Information
Product Identification: IRON METAL FILINGS
Transportation ID Number: 151435
Responsible Party CAGE: EO228
Date MSDS Prepared: 12/10/1996
Date MSDS Reviewed: 02/10/2000
MFN: 02/10/2000
Submitter: D DG
Status Code: A

Container Information
Unit of Issue: NK
Container Quantity: NK
Type of Container:
Net Unit Weight:
Article without MSDS: N
Technical Entry NOS Shipping Number:
Radioactivity:
Form:
Net Explosive Weight:
Coast Guard Ammunition Code:
Magnetism:
AF MMAC Code:
DOD Exemption Number: N/A
Limited Quantity Indicator: N
Multiple Kit Number: 0
Kit Indicator: N

Kit Part Indicator: N
Review Indicator: Y
Additional Data:

Department of Transportation Information

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
DOT PSN Code: ZZZ
Symbols: N/R
DOT PSN Modifier:
Hazard Class: N/R
UN ID Number: N/R
DOT Packaging Group: N/R
Label: N/R
Special Provision(s): N/R
Packaging Exception: N/R
Non Bulk Packaging: N/R
Bulk Packaging: N/R
Maximum Quantity in Passenger Area: N/R
Maximum Quantity in Cargo Area: N/R
Stow in Vessel Requirements: N/R
Requirements Water/Sp/Other: N/R

IMO Detail Information

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO PSN Modifier:
IMDG Page Number: N/R
UN Number: N/R
UN Hazard Class: N/R
IMO Packaging Group: N/R
Subsidiary Risk Label: N/R
EMS Number: N/R
Medical First Aid Guide Number: N/R

IATA Detail Information

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA PSN Modifier:
IATA UN Id Number: N/R
IATA UN Class: N/R
Subsidiary Risk Class: N/R
UN Packaging Group: N/R
IATA Label: N/R
Packaging Note for Passengers: N/R
Maximum Quantity for Passengers: N/R
Packaging Note for Cargo: N/R
Maximum Quantity for Cargo: N/R
Exceptions: N/R

AFI Detail Information

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI Symbols:
AFI PSN Code: ZZZ
AFI PSN Modifier:
AFI UN Id Number: N/R

AFI Hazard Class: N/R
AFI Packing Group: N/R
AFI Label: N/R
Special Provisions: N/A
Back Pack Reference: N/A

HAZCOM Label Information

Product Identification: IRON METAL FILINGS
CAGE: EO228
Assigned Individual: Y
Company Name: ALDON CORP.
Company PO Box:
Company Street Address1: 1533 W HENRIETTA RD
Company Street Address2: AVON, NY 14414 US
Health Emergency Telephone: 716-226-6177
Label Required Indicator: Y
Date Label Reviewed: 02/10/2000
Status Code: A
Manufacturer's Label Number:
Date of Label:
Year Procured: N/K
Organization Code: F
Chronic Hazard Indicator: N/P
Eye Protection Indicator: YES
Skin Protection Indicator: NO
Respiratory Protection Indicator: NO
Signal Word: WARNING
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Moderate
Reactivity Hazard: Slight

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