

BASF WYANDOTTE CORP -- 818951 CARBONYL IRON POWDER EW -- 6810-01-129-3763

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Product Identification
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Product ID:818951 CARBONYL IRON POWDER EW

MSDS Date:03/12/1990

FSC:6810

NIIN:01-129-3763

MSDS Number: BPZJY

=== Responsible Party ===

Company Name:BASF WYANDOTTE CORP

Address:100 CHERRY HILL RD

Box:181

City:PARSIPPANY

State:NJ

ZIP:07054-1106

Country:US

Info Phone Num:201-316-3000

Emergency

Phone Num:201-316-3000

CAGE:1T774

=== Contractor Identification ===

Company Name:BASF CORPORATION

Box:13528

City:RESEARCH TRIANGLE PARK

State:NC

ZIP:27709

Country:US

Phone:919-547-2000

CAGE:1T774

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Composition/Information on Ingredients
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Ingred Name:IRON (BASF DESCRIBES THE INGREDIENT AS "CARBONYL IRON
POWDER EW")

CAS:7439-89-6

RTECS #:NO4565500

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:5 MG FE/M3 DUST/VAPR

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Hazards
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Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRON POWDER IS A MECHANICAL IRRITANT.
CHRONIC INHALATION MAY CAUSE SIDEROSIS, A BENIGN LUNG CONDITION
WHICH SHOWS UP DURING X-RAY.
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT
IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE/SKIN:MECHANICAL IRRITATION.

INHALED:RESPIRATORY IRRITATION, SIDEROSIS. INGESTED:NO INFORMATION
GIVEN ON MSDS BY MFR.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND FOR THIS
MIXTURE.

===== First Aid Measures =====

First Aid:IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.
EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED
CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP & WATER.
INHALED:REMOVE TO FRESH AIR. RESTORE/AID BREATH
ING AS NEEDED.
INGESTED:IMMEDIATELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND
INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE
MEDICAL CARE.

===== Fire Fighting Measures =====

Autoignition Temp:Autoignition Temp Text:>200F
Extinguishing Media:USE WATER FOG EXTINGUISHING MEDIUM
Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH
SELF-CONTAINED BREATHING APPARATUS AND TURNOUT GEAR.
Unusual Fire/Explosion Hazard:DUST E
XPLOSION HAZARDS EXIST WHEN
CONCENTRATION REACHES 100 G/M3 IN AIR.

===== Accidental Release Measures =====

Spill Release Procedures:SPILLS SHOULD BE CONTAINED AND PLACED IN
SUITABLE CONTAINERS FOR DISPOSAL.
Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

===== Handling and Storage =====

Handling and Storage Precautions:NO INFORMATION GIVEN ON MSDS BY MFR.
Other Precautions:NONE

===== Exposure Controls/Pe

Personal Protection =====

Respiratory Protection:APPROVED DUST RESPIRATOR IF THE RECOMMENDED PEL IS EXCEEDED.

Ventilation:USE LOCAL EXHAUST TO CONTROL TO PEL.

Protective Gloves:RECOMMENDED

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:GLOVES AND PROTECTIVE CLOTHING AS NECESSARY TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN AND CAGE.

===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:4946F,2730C

Melt/Freeze Pt:M.P/F.P Text:2795F,1535C

Solubility in Water:INSOLUBLE

Appearance and Odor:FINE IRON POWDER,NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:AVOID CUST ACCUMULATION AND MOISTURE DURING STORAGE.

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Disposal Considerations =====

Waste Disposal Methods:THIS MATERIAL IS NOT REGULATED UNDER RCRA OR CERCLA. INCINERATE OR BURY IN A LICENSED FACILITY. DO NOT DISCHARGE INTO WATERWAYS OR SEWER SYSTEMS WITHOUT PROPER AUTHORITY.

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