

ESM,INC. -- MAGNESIUM POWDER -- 6810-01-124-7326

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Product Identification  
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Product ID:MAGNESIUM POWDER

MSDS Date:09/08/1986

FSC:6810

NIIN:01-124-7326

MSDS Number: BGMYS

=== Responsible Party ===

Company Name:ESM,INC.

Box:128

City:VALENCIA

State:PA

ZIP:16059

Country:US

Info Phone Num:412-898-1541 OR 812-273-6000 (DIST)

Emergency Phone Num:412-898-1541

CAGE:MO978

=== Contractor Identificat

ion ===

Company Name:ESM INC

Address:RT 8 AT COOPERSTOWN

Box:128

City:VALENCIA

State:PA

ZIP:16059

Country:US

Phone:412-898-1541

CAGE:0DKF6

Company Name:ESM,INC.

Box:128

City:VALENCIA

State:PA

ZIP:16059

Country:US

Phone:412-898-1541 OR 812-273-6000 (DIST)

CAGE:MO978

Company Name:MADISON CHEMICAL CO INC

Address:STATE RD 62

Box:125

City:MADISON

State:IN

ZIP:47250

Country:US

CAGE:60142

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Composition/Information on Ingredients  
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Ingred Name:MAGNESIUM

CAS:7439-95-4

RTECS #:

OM2100000

Fraction by Wt: >99.0%

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE:CUTS,SCRATCHES,INFLAMMATORY REACTION;REDNESS & PAIN OF EYES;SORE THROAT,COUGHING;ABDOMINAL PAIN. CHRONIC:DERMATITIS.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:CUTS AND SCRATCHES ON SKIN.

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

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First Aid:EYES:FLUSH WITH PLENTY OF WATER;CALL A PHYSICIAN. SKIN:WASH WITH FLOWING WATER. INHALATION:REMOVE TO FRESH AIR.

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

Flash Point:NONE

Extinguishing Media:DRY SAND;DO NOT USE WATER

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA WITH FULL PROTECTION.

Unusual Fire/Explosion Hazard:SUSPENSION OF MAGNESIUM DUST IN AIR MAY CAUSE AN EXPLOSION;IRRITATION BECAUSE OF FUMES

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===== Accident  
al Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CLEAN UP USING NON-SPARKING TOOLS AND COLLECT IN STEEL DRUMS AND SEAL THEM AGAINST MOISTURE.

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

Handling and Storage Precautions:STORE IN COOL,DRY AREA;AVOID DUSTING;NO SMOKING,SPARKS OR OPEN FLAMES.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED DUST RE

SPIRATOR IF ABOVE

TLV/PEL.

Ventilation:GOOD ROOM VENTILATION

Protective Gloves:FIRE RESISTANT,NON-STATIC GLOVES

Eye Protection:GOGGLES

Other Protective Equipment:SAFETY SHOWER,SAFETY SHOES,APRON,EYE-WASH

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND EYES;DO NOT BREATHE DUST.

Supplemental Safety and Health

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

HCC:F8

Boiling Pt:B.P. Text:2030F/1110C

Melt/Freeze Pt:M.P/F.P Text:1202F

Vapor Pres:1 MM HG

Spec Gravity:1.

74

Solubility in Water:NEGLIGIBLE(WATER REA

Appearance and Odor:SILVERY METAL;NO ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS,HALOGENS,HF

Stability Condition to Avoid:WATER

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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