View NSN Online: https://aerobasegroup.com/nsn/6810-00-935-5878 READE MFG CO INC -- MAGNESIUM POWDER -- 6810-00-935-5878 ============= Product Identification ======================== Product ID:MAGNESIUM POWDER MSDS Date:06/14/1993 FSC:6810 NIIN:00-935-5878 MSDS Number: BTKSF === Responsible Party === Company Name: READE MFG CO INC Address:RIDGEWAY BLVD City:LAKEHURST State:NJ ZIP:08733 Country:US Info Phone Num:800-424-9300 Emergency Phone Num:800-424-9300 CAGE:81454 === Contractor Ide ntification === Company Name: READE MFG CO INC Address:RIDGEWAY BLVD Box:City:LAKEHURST State:NJ ZIP:08733 Country:US CAGE:81454 ======= Composition/Information on Ingredients ======== Ingred Name:MAGNESIUM CAS:7439-95-4

RTECS #:OM2100000 Fraction by Wt: 99.8%

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV: 10 MG/M3

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:N

O IARC:NO OSHA:NO Health Hazards Acute and Chronic:INHALATION-MAY IRRITATE MUCOUS MEMBRANES OR UPPER RESPIRATORY TRACT. EYES-MECHANICAL INJURY OR PARTICLES MAY EMBED IN EYE. SKIN-EMBEDDING OF PARTICLES IN SKIN. INGESTION-INGESTION IS UNLIKELY; HOWEVER, INGESTION OF LARGE AMOUNTS OF MAGNESIUM POWDER COULD CAUSE INJURY.

Explanation of Carcinogenicity: NOT CARCINOGENIC.

Effects of Overexposure: EXPOSURE TO MAGNESIUM OXIDE FUME SUBSEQUENT TO BURNING, WELDING OR MOLTEN METAL WOR

K CAN RESULT IN METAL FUME

FEVER. METAL FUME FEVER'S TEMPORARY SYMPTOMS INCLUDE FEVER, CHILLS, NAUSEA, VOMITING AND M USCLE PAIN.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:INHALATION-REMOVE TO FRESH AIR IF INHALATION OCCURS.
EYES-FLUSH EYES WITH WATER THOROUGHLY. CONSULT A PHYSICIAN.
SKIN-WASH WITH SOAP & WATER THOROUGHLY TO REMOVE PARTICLES.
INGESTION-IF LARGE AMOUNTS O

F MAGNESIUM POWDER ARE INGESTED, INDUCE VOMITING AND CONSULT A PHYSICIAN.

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

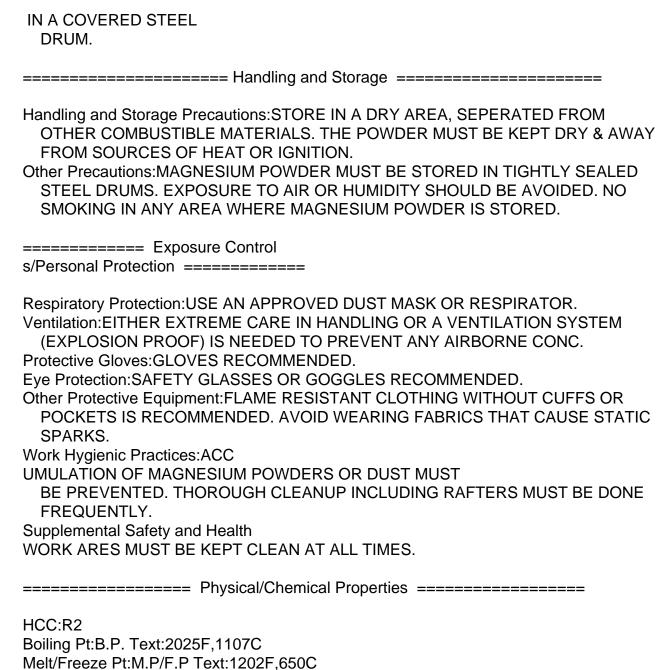
Extinguishing Media:SMOTHER BURNING MAGNESIUM POWDER BY GENTLY COVERING WITH DRY GENTS ONLY SUCH AS MELTING FLUX, DRY SAND, DRY TALC, ETC.E Fire Fighting Procedures:WEAR FIRE FIGHTING GLASSES WHEN FIGHTING FIRES. APPLY EXTINGUISHING AGENTS SLOWKY. USE SELF-CONTAINED BREATHING APPARATUS OR APPROACH FROM UP WIND. NO WATER.

Unusual Fire/Exp

losion Hazard:MAGNESIUM POWDER BURNS VIGOROUSLY ONCE IT IS IGNITED. MAGNESIUM POWDER CAN EXPLODE IF SUSPENDED IN AIR. DO NOT USE WATER, IT WILL ACT AS AN ACCELERANT.

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

Spill Release Procedures:MAGNESIUM POWDER IF SPILLED SHOULD BE PROMPTLY SWEPT UP USING NATURAL FIBER BRUSHES OR BROOMS AND NON-SPARKING DUST PAN. THE POWDER SWEEPING MUST BE KEPT SEPERATE FROM OTHER TRASH AND REFUSE. IF THE P OWDER IS DRY PLACE



Appearance and Odor:SILVER GREY SOLID METALLIC POWDER, NO ODOR.

Spec Gravity:1.74

Solubility in Water:NONE

======== Stability and Reactivit

y Data =========

Stability Indicator/Materials to Avoid:YES ACIDS, WATER.

Stability Condition to Avoid:NO MOISTURE. KEEP AWAY FROM OPEN FLAME, SPARKS, MODERATE HEAT AND SOURCES OF IGNITION.

Hazardous Decomposition Products:REACTS WITH ACI OR WATER TO PRODUCE HYDROGEN GAS, WHICH IS FLAMMABLE & EXPLOSIVE.

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

Waste Disposal Methods:WASTE MAGNESIUM POWDER SHOULD BE DISPOSED OF UNDER RELEVENT FEDERA, STATE AND LO

CAL REGULATIONS. MAGNESIUM IS A

RECYCLABLE MATERIAL AND REUSE OR RECYCLING ARE PREFERABLE TO OTHER METHODS OF DISPOSAL.

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