

NATIONAL REFRACTORIES AND MINERALS -- HMS -- 6830-00N055406

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Product Identification  
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Product ID:HMS  
MSDS Date:09/18/1986  
FSC:6830  
NIIN:00N055406  
MSDS Number: BWDHS  
=== Responsible Party ===  
Company Name:NATIONAL REFRACTORIES AND MINERALS  
Address:ONE KAISER PLAZA SUITE 650  
City:OAKLAND  
State:CA  
ZIP:94612  
Country:US  
Info Phone Num:415-462-1147  
Emergency Phone Num:415-462-1147  
CAGE:0B5A9  
=== Contractor Identification ===  
Company Name:NATIONAL REFRACTORIES AND MINERALS  
Address:1852 RUTAN DR  
Box:City:LIVERMORE  
State:CA  
ZIP:94550  
Country:US  
Phone:510-449-5010  
CAGE:0B5A9

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Composition/Information on Ingredients  
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Ingred Name:NON-HAZARDOUS INGREDIENTS  
OSHA PEL:N/K  
ACGIH TLV:N/K

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:INHALATION:NUISANCE DUSTS HAVE  
LITTLE ADVERSE EFFECT ON LUNGS AND DO NOT PRODUCE SIGNIFICANT  
DISEASE OR TOXIC EFFECT WHEN EXPOSURES ARE KEPT UNDER THE TLV OR  
PEL. MAY AGGRAVATE PRE-EXISTING RESP IRATORY CONDITIONS.  
SKIN:REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION. EYES:MAY  
IRRITATE OR INJURE EYES.  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:INGEST:CALL MD IMMEDIATELY . INHAL:REMOVE TO FRESH AIR.  
SUPPORT BREATHING (GIVE O\*2/ARTF RESP) . SKIN:WASH WITH SOAP AND  
WATER. EYES:IRRIGATE IMMEDIATELY WITH PLENTY OF WATER FOR @ LEAST 1

5 MINUTES. OBTAIN MEDICAL ATTENTION IF NECESSARY.

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Fire Fighting Measures  
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Extinguishing Media:NOT APPLICABLE. MEDIA SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

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Accidental Release Measures  
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Spill Release Procedures:WE RECOMMEND THAT PURCHASER ESTABLISH SPILL, PREVENTION, CONTROL & COUNTER MEASURE PLAN. THIS PLAN SHOULD INCLUDE PROCEDURES FOR PROPER STORAGE AS WELL AS CLEAN-UP OF SPILL/LEAKS. THE PROCEDURES SHOULD CONFORM TO SAFE PRACTICES & PROVIDE (SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:USE AN NIOSH/MSHA APPROVED RESP IF DUST IS CREATED DURING HANDLING, INSTALLATION OR TEAROUT.

Other Precautions:TOXIC RISK MAY BE ALTERED BY CHEMICAL OR PHYSICAL CHANGES CAUSED BY CONDITIONS OF USE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGG .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SPILL RELEASE:FOR PROPER RECOVERY OR DISPOSAL. DEPENDING ON QUANTITY SPILLED, NOTIFICATION OF NATIONAL RESPONSE CENTER (800-424-8802) MAY BE REQUIRED IN CASE OF HAZ SUBSTANCES. (SEE EPA & DOT REGS; ALSO VARIOUS STATE & LOCAL REGULATIONS).

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Physical/Chemical Properties  
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HCC:N1

Spec Gravity:2.0-3.5

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:NIL

Appearance and Odor:WHITE TO LT. GREY, GRANULAR, DRY, NO ODOR

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

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Disposal Considerations  
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Waste Disposal Methods:TEST PRODUCT TO DETERMINE HAZARD STATUS AND

DISPOSAL REQUIREMENTS UNDER FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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