

WAVERLY MINERAL PRODUCTS COMPANY -- HI-DRI -- 6850-00F046404

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===== Product Identification =====

Product ID:HI-DRI  
MSDS Date:02/15/1994  
FSC:6850  
NIIN:00F046404  
MSDS Number: BYMXG  
=== Responsible Party ===  
Company Name:WAVERLY MINERAL PRODUCTS COMPANY  
Address:1100 EAST HECTOR STREET SUITE 225  
City:CONSHOHOCKEN  
State:PA  
ZIP:19428-5000  
Country:US  
Info Phone Num:610-397-0400  
Emergency Phone Num:610-397-0400  
CAGE:GO497

==== Contractor Identification ===  
Company Name:WAVERLY MINERAL PRODUCTS COMPANY  
Address:1100 EAST HECTOR STREET SUITE 225  
City:CONSHOHOCKEN  
State:PA  
ZIP:19428-5000  
Country:US  
Phone:610-397-0400  
CAGE:GO497

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===== Composition/Information on Ingredients =====

Ingred Name:MAGNESIUM ALUMINUM SILICATE \*95-4\*  
CAS:8031-18-3  
ACGIH TLV:10 MG/CUM

Ingred Name:SILICON DIOXIDE, CRYSTALLINE QUARTZ, SAND (ANIMAL CARC,  
SUSPECTED HUMAN CARC IARC-GROUP 2A; SUSPECTED CARC NTP) \*95-4\*  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 0-5%  
Other REC Limits:0.05 MG/CUM NIOSH  
OSHA PEL:0.1 MG/CUM RESP DUST  
ACGIH TLV:0.1 MG/CUM RESP DUST

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: CRYSTALLINE SILICA DUST  
CAN PRODUCE FIBROTIC CHANGES TO CHRONIC LUNG DISEASE.  
Explanation of Carcinogenicity:SEE INGREDIENTS.  
Effects of Overexposure:DISCOMFORT, COUGH, LABORED BREATHING, WHEEZING,  
PULMONARY DISCOMFORT.  
Medical Cond Aggravated by Exposure:PULMONARY PROBLEMS/RESPIRATORY  
INFECTION.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/WATER. OBTAIN  
MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:NON-FLAMMABLE  
Fire Fighting Procedures:NONE REQUIRED  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:USE APPROVED DUST RESPIRATOR IF AIRBORNE  
CONCENTRATION EXCEEDS THE PEL/TLV. SWEEP UP/VACUUM.

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

Handling and Storage Precautions:STORE IN DRY AREA/UNDER COVER.  
Other Precautions:CONTROL AIRBORNE CONCENTRATIONS TO LEVELS < THE  
PEL/TLV.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATORY. PROTECTION IF  
DUST CONCENTRATION EXCEEDS PEL/TLV.  
Ventilation:LOCAL EXHAUST TO REDUCE THE LEVEL OF RESPIRABLE CRYSTALLINE  
VALUE EQUAL TO/BELOW THE PEL.  
Protective Gloves:OPTIONAL  
Eye Protection:ADVISABLE  
Other Protective Equipment:OPTIONAL  
Work Hygienic Practices:USE GOOD HOUSEKEEPING PRACTICES; FOLLOW  
PRECAUTIONS.  
Supplemental Safety and Health

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

Spec Gravity:1.5  
Evaporation Rate & Reference:(BU AC = 1): NONE  
Solubility in Water:INSOLUBLE  
Appearance and Odor:ODORLESS, GRAY TO TAN COLORED GRANULES

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

Stability Indicator/Materials to Avoid:YES  
HYDROFLUORIC ACID  
Stability Condition to Avoid:HEAT  
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DON'T FLUSH DOWN DRAINS. DISPOSE OF IAW/FEDERAL,  
STATE & LOCAL REGULATIONS.

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