

GRACE W R AND CO DAVISON CHEMICAL DIV -- MOLECULAR SIEVE -- 6850-01-187-8466

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

Product ID:MOLECULAR SIEVE

MSDS Date:11/25/1985

FSC:6850

NIIN:01-187-8466

MSDS Number: BLWDY

=== Responsible Party ===

Company Name:GRACE W R AND CO DAVISON CHEMICAL DIV

Address:10 E BALTIMORE STREET

Box:2117

City:BALTIMORE

State:MD

ZIP:21202-1630

Country:US

Info Phone Num:301-659-9000

Emergency Phone Num:301-659-9000

CAGE:0NAV2

=== Contractor Identification ===

Company Name:AGM CONTAINER CONTROLS INC

Address:3526 E FT LOWELL RD

Box:40020

City:TUCSON

State:AZ

ZIP:85717

Country:US

Phone:602-881-2130

CAGE:08992

Company Name:GRACE W R AND CO

Address:919 18TH ST NW

City:WASHINGTON

State:DC

ZIP:20006

Country:US

Phone:410-659-9000

CAGE:0NAV2

Company Name:W R GRACE & CO. DAVISON CHEMICAL DIVISION

Address:10 E BALTIMORE STREET

Box:2117

City:BALTIMORE

State:MD

ZIP:21202-1630

Country:US

Phone:410-659-9000

CAGE:16210

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

Ingred Name:SODIUM ALUMINOSILICATE

CAS:1344-00-9

Other REC Limits:NONE SPECIFIED

Ingred Name:CALCIUM SODIUM ALUMINOSILICATE

CAS:1344-01-0

Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM SODIUM ALUMINOSILICATE

CAS:12736-96-8

Other REC Limits:NONE SPECIFIED

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

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

Reports

of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IN DUSTY CONDITIONS, MAY CAUSE

IRRITATION TO THE MUCOUS MEMBRANES AND EYES. PROLONGED CONTACT WITH THE SKIN MAY CAUSE IRRITATION.

Effects of Overexposure:DUST MAY CAUSE DRYING OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY WASH FROM EYES WITH

LARGE AMOUNTS OF WATER,

OCCASIONALLY LIFTING UPPER AND LOWER EYE LIDS. GET MEDICAL

ATTENTION. SKIN: WASH WITH SOAP AND WATER. INGESTION: MATERIAL

WILL PASS THROUGH THE BODY NORMALLY. INHALATION: REMOVE TO FRESH AIR.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANU

FACTURER.

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

Spill Release Procedures:VACUUM OR SWEEP UP MATERIAL. USE A NIOSH-APPROVED RESPIRATOR TO AVOID DRYING OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT FROM GENERATED DUST.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:PROPER GROUNDING SHOULD BE OBSERVED WHEN POURING FROM A BAG OR DRUM IN THE PRESENCE OF A FLAMMABLE MATERIA

L.

Other Precautions:MOLECULAR SIEVES WILL RELEASE HEAT WHEN ABSORBING WATER. IF A LARGE QUANTITY OF SIEVES QUICKLY ADSORBS THE EQUILIBRIUM AMOUNT OF WATER, THE SIEVES CAN BECOME HOT ENOUGH TO CAUSE THERMAL BURNS OF THE S KIN.

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

Respiratory Protection:NIOSH-APPROVED RESPIRATOR FOR DUST PROTECTION.

Ventilation:USE WITH ADEQUATE VENTILATION.

Protective Gloves:WEAR CLOSE-WEAVE GLOVES.

Eye Protection:SAFETY GLASSES

Other

Protective Equipment:PROTECTIVE CLOTHING AS NECESSARY.

Work Hygienic Practices:NORMAL PRACTICES. WASH HANDS AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health

FOLLOWING CONTACT WITH TYPICAL PETROCHEMICALS OR GASES, MOLECULAR SIEVES MUST BE HANDLED WITH SPECIAL PRECAUTIONS. THE COMBINATION OF MOLECULAR SIEVES AND RETAINED MATERIAL CAN BE FLAMMABLE AND TOXIC . CARE SHOULD BE TAKEN TO AVOID SOURCESOF IGNITION AND TO AVOID PERSONAL CONTACT.

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

HCC:N1

Spec Gravity:2.1

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE, GRAY, TAN, BEADS OR POWDER.

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH HF AND STRONG ACIDS OR ALKALI.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE,  
AND LOCAL REGULATIONS. COVER TO AVOID BLOWING OF DUST.

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