

W R GRACE & CO. DAVISON CHEMICAL DIVISION -- MOLECULAR SIEVE -- 6850-01-306-9231

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Product Identification
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Product ID:MOLECULAR SIEVE

MSDS Date:11/25/1985

FSC:6850

NIIN:01-306-9231

MSDS Number: BJNTC

=== Responsible Party ===

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

Info Phone Num:301-6

59-9000

Emergency Phone Num:301-659-9058(O)/301-874-2009(H)

CAGE:16210

=== 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: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
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Ingred Name:SODIUM ALUMINOSILICATE

CAS:1344-00-9

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3 T DUST

ACGIH TLV:10 MG/M3 T DUST

Ingred Name:CALCIUM SODIUM ALUMINOSILICATE

CAS:1344-01-0

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3 T DUST

ACGIH TLV:10 MG/M3 T DUST

Ingred Name:POTASSIUM SODIUM ALUMINOSILICATE

CAS:12736-96-8

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3 T DUST

ACGIH TLV:10 MG/M3 T DUST

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

LD50 LC50 Mi

xture:LD50 (ORAL RAT) IS > 31,600 MG/KG

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

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

Health Hazards Acute and

Chronic:ACUTE-EYES/SKIN:IRRITATION.INHALATION:DRYNESS OF NOSE & THROAT.CHRONIC-NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:MOLECULAR SIEVES ARE ALKALINE AND ARE IRRITATING TO EYES,

NOSE AND THROAT. ON PROLONGED CONTACT, THEY WILL CAUSE IRRITATION OF SKIN.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN.GET MEDICAL ATTENTION IMMEDIATELY.SKIN:WASH WITH SOAP AND

WATER.INGESTION:MATERIAL WILL P ASS THROUGH THE BODY NORMALLY.

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Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:NON-FLAMMABLE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NON-FLAMMABLE

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

Spill Release Procedures:VACUUM OR SWEEP UP.

Neutralizing Agent:NOT APPLICABLE.

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

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Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY SEALED TO PROTECT PRODUCT QUALITY.CAN BUILD UP A STATIC ELECTRIC CHARGE WHEN POURING.GROUNDING IS RECOMMENDED.

Other Precautions:MOLECULAR SIEVES WILL RELEASE HEAT WHEN ABSORBING WATER.THE SIEVES CAN BECOME HOT ENOUGH TO CAUSE THERMAL BURNS OF THE SKIN.AVOID CONTACT UNDER THIS CONDITION.AVOID GENERATION OF DUSTY CONDITIONS IN THE WORK PLACE.

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

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Respiratory Protection:IF DUSTY CONDITIONS DO DEVELOP, USE A NIOSH-APPROVED RESPIRATOR TO AVOID DRYING OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF DUST IS GENERATED.

Protective Gloves:CLOSE-WEAVE WITH TIGHT-FITTING WRIST

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH GLOVES FREQUENTLY.

Supplement

al Safety and Health

AVOID GENERATING AND BREATHING DUST. WASH HANDS AFTER HANDLING.

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

HCC:N1

Spec Gravity:2.1

pH:10.5

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE, GRAY, TAN, BEADS OR POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, ALKALI AND HF

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE SPEC

IFIED BY MANUFACTURER.

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

Waste Disposal Methods:LANDFILL IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. COVER TO AVOID
BLOWING OF DUST.

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