

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.

===== Fir

e 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 T HE 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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