

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

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

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:301-65

9-9000

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

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

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ngred 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 Mix
ture: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.

===== 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 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.
Supplementa
I 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 SPECI

FIED 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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