

GRACE W R AND CO DAVISON CHEMICAL DIV -- FORMED MOLECULAR SIEVE -- 6850-00-159-4466
===== Product Identification =====

Product ID:FORMED MOLECULAR SIEVE

MSDS Date:01/01/1990

FSC:6850

NIIN:00-159-4466

MSDS Number: BDCZS

=== 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

Preparer's Name:J.H. CONVOY

CAGE:0NAV2

=== Contractor Identification ===

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

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

Ingred

Name:SODIUM ALUMINOSILICATE (CAS #1344-00-9)

Fraction by Wt: 100%

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

Effects of Overexposure:EYES:IRRITATING;SKIN:PROLONGD CONTACT CAUSE IRRITNG;INH:DRIES MUCOUS MEMBRANE OF NOSE & THROAT.

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

First Aid:EYES:FLUSH W/LG AMT OF WATER FOR AT LEAST 15 MIN & GET MED ATTN;SKIN:WASHW/NON-ALKALINE SOAP.GET MED ATTN IF IRRITATION PERSIST;INH:REMOVE TO FRESH A IR.GED MED ATTN IF SYMPTOMS OCCURS;INH:IF CHOCKING OCCURED,DRINK WATER.CONSULT A PHYSICIAN.

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

Flash Point:NONE
Extinguishing Media:CO*2, FOAM, DRY CHEM.
Fire Fighting Procedures:NONE KNOWN

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

Spill Release Procedures:USE PROTECTIVE EQUIPMENT.VACUUM OR SWEEP UP THE MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL PURPOSE.

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===== Hand
ling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY SEALED TO PROTECT PRODUCT QUALIT;PROPER GROUNDING BE OBSERVD WHEN POURING FM BAG/DRYM IN PRESENCE OF FLAMMABLE VAPORS.
Other Precautions:MOLECULAR SIEVS ARE ALKALINE;WEAR GOGGLES DURING TRANSFER W/HIGH PRESSURE AIR.MALFUNCTION OF EQUIP CAN PROPEL BEADS W/ENOUGH VELOCITY TO PENETRATE SKIN;GROUND TRANSFR & RECVNG VESSELS.

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

Respiratory Protection:USE NIOSH APPROVED RESP TO AVOID DRYING OF MUCOUS MEMBRANE OF NOSE.

Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Gloves:CLOSE-WEAVE

Eye Protection:GOGGLES

Other Protective Equipment:AS REQUIRED TO PREVENT PROLONGED CONTACT.

Supplemental Safety and Health

MSDS FM MFR DATED:04/28/80;BEADED MOLECULAR SIEVES CAN BUILD UP STATIC CHARGE WHEN POURING;PRODUCT IS NONFIBROUS SODIUM ZEOLITE OF HYDRATED SYNTHETIC SILICA

ALUMINA.

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

HCC:N1

Spec Gravity:2.1

pH:10.4

Solubility in Water:NEGLIGIBLE

Appearance and Odor:ODORLESS,WHITE OR GRAY OR TAN CRYSTALLINE/BEADS.

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

Stability Indicator/Materials to Avoid:YES

HYDROFLUORIC ACID,STRONG ACIDS OR ALKALIES

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

Waste Disposal Methods:KEEP IN CLOSED CONTAINERS PENDING

DISPOSAL.HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL FEDERAL,STATE
& LOCAL ERGS;MFR RECOMMEDNDS TO LANDFILL IAW LOCAL REGULATIONS.

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