

## **MOLECULAR SIEVE TYPE 4A**

### **MSDS Number**

BNBCB

### **National Stock Number**

6850-01-256-3369

### **Product Name**

MOLECULAR SIEVE TYPE 4A

### **Manufacturer**

MULTIFORM DESICCANTS INC

### **Product Identification**

Product ID:MOLECULAR SIEVE TYPE 4A

MSDS Date:05/01/1990

FSC:6850

NIIN:01-256-3369

MSDS Number: BNBCB

### **Responsible Party**

MULTIFORM DESICCANTS INC

960 BUSTI-AT-NIAGARA

BUFFALO , NY 14213-2101

US

Emergency Phone: 716-883-8900

Info Phone: 716-883-8900

Cage: 22627

### **Contractor**

MULTISORB TECHNOLOGIES INC

BUFFALO, NY 14224-1893

US

716-824-8900

Cage: 22627

### **Ingredients**

SODIUM OXIDE

CAS: 1313-59-3

Fraction By Weight:

MAGNESIUM OXIDE

CAS: 1309-48-4

RTECS: OM3850000

Fraction By Weight:

OSHA PEL15 MG/M3 PARTICULATE

ACGIH TLV: 10 MG/M3;TDUST; 9293

ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS

CAS: 1344-28-1

RTECS: BD1200000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

SILICA GEL

CAS: 112945-52-5

RTECS: VV7310000

Fraction By Weight:

OSHA PEL6 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE EYE, SKIN & MUCOUS MEMBRANE IRRITATION. CHRONIC: PROLONGED INHALATION MAY CAUSE LUNG DAMAGE.

Explanation of Carcinogenicity:THIS PRODUCT AND ITS COMPONENTS ARE NOT LISTED ON THE IARC, NTP OR OSHA CARCINOGENS LISTS.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:ASTHMATICS AND INFLAMMATORY OF FIBROTIC PULMONARY DISEASES.

## First Aid

First Aid:EYES: FLUSH EYES WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR AND GET MEDICAL ASSISTANCE IF NECESSARY. INGESTION: IN LARGE QUANTITIES, DRINK LARGE AMOUNTS OF WATER. INDUCE VOMITING IF PATIENT IS CONSCIOUS.

## Fire Fighting

Flash Point:DOES NOT BURN

Extinguishing Media:USE APPROPRIATE MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:DEPENDS ON THE USE OF THIS MATERIAL. USED MATERIAL MAY CONTAIN PRODUCTS OF A HAZARDOUS NATURE. THE USER MUST IDENTIFY HAZARDS & INFORM THE FIREFIGHTERS.

Unusual Fire/Explosion Hazard:WHEN EXPOSED TO WATER, THEY CAN GET QUITE HOT. WHEN FIRST WETTED THEY CAN HEAT TO THE BOILING POINT OF WATER.

## Accidental Release

Spill Release Procedures:SWEEP THE SPILL AREA. COLLECT AND PLACE THE SPILLED MATERIAL IN WASTE DISPOSAL CONTAINER. AVOID RAISING DUST.

Neutralizing Agent:NONE REQUIRED

## Handling

Handling and Storage Precautions:AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. WASH AFTER HANDLING.

Other Precautions:USE GOOD PERSONAL HYGIENE.

## Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR WHEN PEL MIGHT BE EXCEEDED.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GOGGLES WITH SIDE SHIELDS

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:AVOID RAISING DUST. AVOID CONTACT WITH SKIN, EYE AND CLOTHING.

Supplemental Safety and Health

## Chemical Properties

HCC:V7  
Spec Gravity:2.1  
Appearance and Odor:PRODUCT MAY APPEAR AS A BEAD, PELLET, MESH CAKE, OR POWDER. ODORLESS.

## Stability

Stability Indicator/Materials to Avoid:YES  
SUDDEN CONTACT WITH HIGH CONCENTRATIONS OF CHEMICALS HAVING HIGH HEATS OF ADSORPTIONS.  
Stability Condition to Avoid:MOISTURE (WATER) CAN CAUSE RISE IN TEMPERATURE, CONTACT WITH SKIN MIGHT RESULT IN BURNS.  
Hazardous Decomposition Products:UNLESS SUBJECTED TO EXTREME TEMPERATURES OR CHEMICALS CONDITIONS SIEVE WILL NOT READILY DECOMPOSE.

## Disposal

Waste Disposal Methods:DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER IN FULL COMPLIANCE WITH FEDERAL, STATE, LOCAL LAWS.

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