

## **13X MOLECULAR SIEVE DESICCANT**

### **MSDS Number**

BPCBH

### **National Stock Number**

6850-00-990-5334

### **Product Name**

13X MOLECULAR SIEVE DESICCANT

### **Manufacturer**

MULTIFORM DESICCANTS INC

### **Product Identification**

Product ID:13X MOLECULAR SIEVE DESICCANT

MSDS Date:01/01/1987

FSC:6850

NIIN:00-990-5334

MSDS Number: BPCBH

### **Responsible Party**

MULTIFORM DESICCANTS INC

960 BUSTI-AT-NIAGARA

BUFFALO , NY 14213-2101

US

Emergency Phone: 716-883-8900

Info Phone: 716-883-8900

Preparer: DGSC-SSH

Cage: 22627

### **Contractor**

MULTISORB TECHNOLOGIES INC

BUFFALO, NY 14224-1893

US

716-824-8900

Cage: 22627

### **Ingredients**

SODIUM ALUMINOSILICATE

CAS: 1344-00-9

Fraction By Weight: 100%

### **Hazards**

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

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

Health Hazards Acute and Chronic:ACUTE: EYE, SKIN & RESPIRATORY TRACT IRRITATION. CHRONIC: THE DRYING ACTION OF THIS MATERIAL CAN CAUSE IRRITATION OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT AND IRRITATION OF THE SKIN. AVOID PROLONGED BREATHING OF THE DUST WHICH 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:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Medical Condition Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE

ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

## First Aid

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER & LOWER EYE LIDS. IF IRRITATION OCCURS AND PERSISTS, SEEK MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INGESTION: IF INGESTED IN LARGE QUANTITIES, THEN DRINK 2 GLASSES OF WATER. INDUCE VOMITING IF THE PATIENT IS CONSCIOUS. INHALATION: REMOVE PERSON TO FRESH AIR.

## Fire Fighting

Flash Point:NONFLAMMABLE  
Autoignition Temp:Autoignition Temp Text:NONE  
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

## Accidental Release

Spill Release Procedures:SWEEP OR VACUUM UP SPILL AREA. COLLECT AND PLACE THE SPILLED MATERIAL IN A WASTE DISPOSAL CONTAINER. AVOID RAISING DUST.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:AVOID PROLONGED BREATHING OF THE DUST OR CONTACT OF DUST WITH THE SKIN. OPEN CONTAINER SLOWLY. USE WITH ADEQUATE VENTILATION. DO NOT MIX WITH LIQUID.  
Other Precautions:PH RANGE IF IN AQUEOUS SLURRY IS 8-11.

## Exposure Controls

Respiratory Protection:A PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR FOR PROTECTION AGAINST DUST, MIST OR VAPOR IS RECOMMENDED FOR OPERATIONS WHEN THE PERMISSIBLE EXPOSURE LIMIT MIGHT BE EXCEEDED.  
Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED FOR OPERATIONS WHERE THE PERMISSIBLE EXPOSURE LIMIT MIGHT BE EXCEEDED.  
Protective Gloves:CLOSE-WEAVE COTTON WITH TIGHT WRISTBANDS  
Eye Protection:SAFETY GLASSES/GOGGLES OSHA29CFR1910.133  
Other Protective Equipment:SELECT IN ACCORDANCE WITH OSHA 1910.132 AND 1910.133. LONG SLEEVED WORK CLOTHING RECOMMENDED.  
Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING OR SMOKING. VACUUM UP ANY DUST. LAUNDER CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
WHEN TRANSFERRING BEADED MOLECULAR SIEVES WITH HIGH PRESSURE AIR, WEAR GOGGLES. MALFUNCTION OF EQUIPMENT CAN PROPEL BEADS WITH ENOUGH VELOCITY TO PENETRATE THE SKIN. MAKE SURE THAT THE TRANSFER SYSTEM AND RECEIVING VESSELS ARE PROPERLY GROUNDED. FOLLOW STANDARD OPERATING INSTRUCTIONS.

## Chemical Properties

HCC:N1  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:GRAY WHITE SPHERES  
Percent Volatiles by Volume:0

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION  
Hazardous Decomposition Products:DECOMPOSITION PRODUCTS FROM HYDROCARBONS & OTHER MATERIALS THAT ARE RETAINED ON THE MOLECULAR SIEVE DURING NORMAL USE.

## Disposal

Waste Disposal Methods:DISCARD ANY PRODUCT (INCLUDING ANY RETAINED MATERIALS OF USE), DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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