

MOLECULAR SIEVE TYPE 4A

MSDS Number

BJZPV

National Stock Number

6850-00-906-6432

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:00-906-6432

MSDS Number: BJZPV

Responsible Party

MULTIFORM DESICCANTS INC

960 BUSTI AT NIAGARA ST

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:

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:IRRITATION OF EYES, MUCOUS MEMBRANE , SKIN, RESPIRATORY OR G.I.TRACTS; REDNESS OR BURNS OF EYES/SKIN POSSIBLE.CHRONIC:DRYING OF SKIN,DEFATTING OR DERMATITIS,DAMAGE TO LUNGS,EYES.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE

Extinguishing Media:NOT FLAMMABLE ; USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL IF APPLICABLE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:AVOID WATER.MAY GET QUITE HOT

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE MATERIAL IF POSSIBLE; SWEEP AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Chemical Properties

HCC:V7

Spec Gravity:2.1

Appearance and Odor:PRODUCT MAY APPEAR AS A BEAD,PELLET,MESH CAKE OR POWDER OR ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES

MOISTURE CAN CAUSE RISE IN TEMPERATURE.

Stability Condition to Avoid:WATER

Hazardous Decomposition Products:AVOID EXTREME TEMPERATURE.

Disposal

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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