

M-PREP NEUTRALIZER 5A

MSDS Number

BRBDB

National Stock Number

6850-00F027803

Product Name

M-PREP NEUTRALIZER 5A

Manufacturer

MEASUREMENTS GROUP INC

Product Identification

Product ID:M-PREP NEUTRALIZER 5A

MSDS Date:01/04/1991

FSC:6850

NIIN:00F027803

MSDS Number: BRBDB

Responsible Party

MEASUREMENTS GROUP INC

US HWY 64

WENDELL , NC 27591

US

Emergency Phone: 919-365-3800

Info Phone: 919-365-3800

Cage: 88952

Contractor

MEASUREMENTS GROUP INC

WENDELL, NC 27591

US

919-365-3800

Cage: 88952

Ingredients

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 99.92%

AMMONIUM HYDROXIDE, AQUA AMMONIA

CAS: 1336-21-6

RTECS: BQ9625000

Fraction By Weight:

ACGIH TLV: 25 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SODIUM PHOSPHATE, TRISODIUM PHOSPHATE, TSP, SODIUM

CAS: 7601-54-9

RTECS: TC9490000

Fraction By Weight:

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

BORATES, TETRA, SODIUM SALT, ANHYDROUS, SODIUM TETRABORATE

CAS: 1330-43-4

RTECS: VZ2240000

Fraction By Weight:

OSHA PEL10 MG/CUM

ACGIH TLV: 1 MG/CUM

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: CORROSIVE TO BODY TISSUE, MUCOUS MEMBRANE & RESPIRATORY TRACT IRRITATION, HEADACHE, COUGHING, POSSIBLE LUNG DAMAGE, EDEMA & DIFFICULTY BREATHING. EYES: BURNING & REDDENING. SKIN: IRRITATION, REDDENING & POSSIBLE BURNS.

INGESTION: BURNING SENSATION, & CORROSIVE TO DIGESTIVE TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: SEVERE DAMAGE CAN RESULT IN LOSS OF VISION.

Medical Cond Aggravated by Exposure:EYE OR PULMONARY DISEASES

First Aid

First Aid:SKIN: FLUSH W/PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. KEEP WARM & AT REST. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS INCLUDING UNDER EYELID. INGESTION: IF CONSCIOUS, GIVE LOTS OF WATER, DILUTE VINEGAR OR CITRUS JUICES TO DRINK, FOLLOWED BY MILK. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONE

Extinguishing Media:WILL NOT SUPPORT COMBUSTION. USE MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures:USE COLD WATER SPRAY TO CONTROL VAPORS & COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:WHEN HEATED, MATERIAL WILL EMIT AMMONIA VAPORS. WEAR PROTECTIVE CLOTHING & EQUIPMENT.

Accidental Release

Spill Release Procedures:VENTILATE AREA. ABSORB W/ABSORBENT MATERIAL. NEUTRALIZE W/DILUTE ACID. FLUSH SPILL AREA W/PLENTY OF WATER.

Handling

Handling and Storage Precautions:STORE BELOW 80F (27C) IN DRY PLACE. KEEP CONTAINERS TIGHTLY SEALED.

Other Precautions:AVOID BREATHING VAPORS & DIRECT CONTACT.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS & WHEN AIR CONTAMINANTS ARE ABOVE TLV LIMITS

Ventilation:LOCAL EXHAUST OR MECHANICAL TO KEEP BELOW TLV

Protective Gloves:NEOPRENE OR RUBBER

Eye Protection:FULL FACE SHIELD/CHEMICAL SAFETY GOGGLES

Other Protective Equipment: RUBBER APRON, SAFETY SHOWER
Work Hygienic Practices: WASH THOROUGHLY AFTER USE. USE GOOD HYGIENIC PRACTICES.

Supplemental Safety and Health

Chemical Properties

Boiling Pt: B.P. Text: 212F/100C

Melt/Freeze Pt: M.P/F.P Text: 32F/0C

Vapor Pres: 760

Vapor Density: 1

Spec Gravity: 1

Evaporation Rate & Reference: (BU AC = 1): Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS W/MILD AMMONIA ODOR

Stability

Stability Indicator/Materials to Avoid: YES

ACIDS, PEROXIDES, METALLIC COPPER, TIN, ZINC & THEIR ALLOYS,

HALOGENATED COMPOUNDS

Stability Condition to Avoid: ADDING SODIUM HYDROXIDE TO THIS MATERIAL

&/OR HEATING WILL VOLATIZE AMMONIA

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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