

M-PREP NEUTRALIZER 5A

MSDS Number

CDGBN

National Stock Number

6850-01-347-2355

Product Name

M-PREP NEUTRALIZER 5A

Manufacturer

MEASUREMENTS GROUP INC

Product Identification

Product ID:M-PREP NEUTRALIZER 5A

MSDS Date:11/02/1993

FSC:6850

NIIN:01-347-2355

MSDS Number: CDGBN

Responsible Party

MEASUREMENTS GROUP INC

RALEIGH , NC 27611

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 919-365-3800

Preparer: R.L. FRIDELY

Cage: 88952

Contractor

MEASUREMENTS GROUP INC

WENDELL, NC 27591

US

919-365-3800

Cage: 88952

Ingredients

AMMONIUM HYDROXIDE (CERCLA)

CAS: 1336-21-6

RTECS: BQ9625000

Fraction By Weight:

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SODIUM PHOSPHATE, TRIBASIC (CERCLA)

CAS: 7601-54-9

RTECS: TC9490000

Fraction By Weight:

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SODIUM TETRABORATE, DECAHYDRATE

CAS: 1303-96-4

RTECS: VZ2275000

Fraction By Weight:

OSHA PEL10 MG/M3

ACGIH TLV: 5 MG/M3; 9596

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 99.92%

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:AMMONIUM HYDROXIDE IRRIT/CORR TO BODY TISSUES,SENS PERSON MAY REACT TO EVEN DIL SOLNS.EXCESSIVE VAP INHAL IRRIT MUCOUS MEMBRANES OF RESP TRACT.LIQ CONTACT TO EYE CAN SEVERELY DMG,CAUSE LOSS OF VISION. INGEST CORR TO DIGESTIVE TRACT.

Explanation of Carcinogenicity:PER MSDS:NTP/IARC/OSHA:NOT LISTED.

Effects of Overexposure:SKIN:IRRIT,REDDENING,POSSIBLE

BURNS.INHAL:HEAD,COUGHING,POSSIBLE LUNG DMG(EDEMA,DIFFICULTY IN BREATH).EYE:POSSIBLE BURNING,REDDENING.INGEST:POSSIBLE BURNING SENS.

Medical Cond Aggravated by Exposure:PRECLUDE FROM EXPOSURE ANYONE WITH EYE OR PULMONARY DISEASE.

First Aid

First Aid:SKIN:FLUSH W/COPIOUS AMTS OF WATER.SEEK MED AID IF IRRIT PERSISTS.INHAL:REMOVE TO FRESH AIR.BREATH DIFFICUTL HAVE TRAINED PERSON ADMIN OXYGEN.KEEP WARM/@REST.CONTACT PHYSICIAN PROMPTLY.EYE:IMEMD FLUSH W/COPIOUS AMTS OF WATER FOR @LEAST 15MINS INCLUDING UNDER EYELID.CONTACT PHYSICIAN PREFERABLY OPHTHALMOLOGIST.INGEST:IF CONSC PROMPTLY GIVE LOTS OF WATER,DIL VINEGAR OR CITRUS JUICES TO DRINK (SUPPL)

Fire Fighting

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NA

Upper Limits:NA

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

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

Unusual Fire/Explosion Hazard:WHEN HEATED MATL WILL EMIT NH2 VAPORS WHICH NECESSITATES RESPIRATORY & EYE PROTECTION FOR FIREFIGHTING.USE PROTECTIVE CLOTHING.

Accidental Release

Spill Release Procedures:VENTILATE AREA.ABSORB W/ABSORBENT MATL.NEUTRALIZE W/DILUTE ACID.FLUSH SPILL AREA W/COPIOUS AMTS OF WATER.

Neutralizing Agent:DILUTE ACID.

Handling

Handling and Storage Precautions:STORE BELOW 80F IN DRY PLACE.KEEP

CNTNRS TIGHTLY SEALED.
Other Precautions:AVOID BREATH VAPORS & DIRECT CONTACT.

Exposure Controls

Respiratory Protection:FOR AIR CONTAMINANTS ABOVE TLV OR PERMISSIBLE LIMITS USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS.
Ventilation:LOCAL EXHAUST/MECHANICAL:KEEP BELOW TLV.
Protective Gloves:NEOPRENE OR RUBBER GLOVES.
Eye Protection:FULL FACESHIELD,CHEM SAFETY GOGGLES.
Other Protective Equipment:RUBBER APRON, SAFETY SHOWER AVAILABLE IN LOCAL AREA.
Work Hygienic Practices:WASH THOROUGHLY AFTER USE.USE GOOD HOUSEKEEPING PRACTICES.
Supplemental Safety and Health
1ST AID:FOLLOWED BY MILK.DO NOT INDUCE VOMIT.CONTACT PHYSICIAN.

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:212F,100C
Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C
Decomp Temp:Decomp Text:NP
Vapor Pres:760MM@100C
Vapor Density:1.0
Spec Gravity:1.0
pH:NP
Viscosity:NP
Evaporation Rate & Reference:Solubility in Water:100%, COMPLETE.
Appearance and Odor:COLORLESS, MILD AMMONIA ODOR.
Percent Volatiles by Volume:0
Corrosion Rate:NP

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS, PEROXIDES, METALLIC COPPER, TIN, ZINC, & THEIR ALLOYS, HALOGENATED COMPOUNDS.
Stability Condition to Avoid:NOT APPLICABLE.
Hazardous Decomposition Products:NONE KNOWN.
Conditions to Avoid Polymerization:ADDING NAOH TO THIS MATL &/OR HEATING WILL VOLATIZE NH3.

Disposal

Waste Disposal Methods:NEUTRALIZE ABSORBENT MATL W/DILUTE ACID.DISPOSE OF IN ACCORDANCE WITH LOCAL/STATE/FED REGS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.