

CHEMTREAT CL-1422

MSDS Number

BBPYK

National Stock Number

6850-00F004308

Product Name

CHEMTREAT CL-1422

Manufacturer

CHEMTREAT INC

Product Identification

Product ID:CHEMTREAT CL-1422

MSDS Date:09/23/1987

FSC:6850

NIIN:00F004308

MSDS Number: BBPYK

Responsible Party

CHEMTREAT, INC.

500 LICKINGHOLE RD

ASHLAND , VA 23005-3294

Emergency Phone: (804) 257-7792

Info Phone: (804) 798-3231

Preparer: JOHN A. NYGREN

Cage: EO660

Contractor

CHEMTREAT, INC.

ASHLAND, VA 23005

US

(804) 798-3231

Cage: EO660

Ingredients

PHOSPHONIC ACID (1-HYDROXYETHYTLIDINE) BIS ***HEDP

CAS: 2809-21-4

RTECS: SZ8562100

Fraction By Weight: >1%

ACRYLATE POLYMER, ACRYLIC POLYMER, CARBOMER 941,

CAS: 9003-01-4

RTECS: AT4680000

Fraction By Weight: >1%

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight:

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

1,H-BENZOTRIAZOLE (4 OR 5) METHYL SODIUM SALT

CAS: 64665-57-2

Fraction By Weight: >1%

Hazards

LD50 LC50 Mixture:LD50 ORAL (RAT): 675 MG/KG

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

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

Health Hazards Acute and Chronic:SKIN/EYES: IRRITATION. INGESTION: HARMFUL. IRRITATION TO THROAT & MUCOUS MEMBRANES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN/EYES: IRRITATION. INGESTION: HARMFUL. IRRITATION TO THROAT & MUCOUS MEMBRANES.

Medical Cond Aggravated by Exposure:IMPAIRED PULMONARY FUNCTION, SKIN CONDITIONS

First Aid

First Aid:SKIN/EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: CALL PHYSICIAN. DRINK LARGE QUANTITIES OF WATER. NEVER ADMINISTER ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMVOE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL PHYSICIAN.

Fire Fighting

Flash Point:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:WATER, CO2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:PRODUCT IS NOT FLAMMABLE.

Accidental Release

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT. CONTAIN SPILL. USE AN INERT CHEMICAL ABSORBENT, COLLECT SPILLED MATERIAL & PLACE IN A PROPERLY LABELED CONTAINER FOR DISPOSAL.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING. USE W/ADEQUATE VENTILATION. VODI CONTACT W/SKIN, EYES, & CLOTHING.

Other Precautions:STORE AT AMBIENT TEMPERATURES. DON'T TAKE INTERNALLY. AVOID BREATHING MISTS. LABEL PRCAUTIONS ALSO APPLY TO EMPTY CONTAINER.

Exposure Controls

Respiratory Protection:IF CONTROLS ARE NOT ADEQUATE OR AVAILABLE, USE A RESPIRATOR APPROVED BY NIOSH/MESA UNDER SCHEDULE TC-23C FOR PROTECTION AGAINST NOT >1000 PPM ORGANIC VAPORS, DUSTS, FUMES, & MISTS W/A PERMISSIBLE EXPO SURE LIMIT Ventilation:LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER APRON & BOOTS

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PRODUCT MAY BE FED DIRECTLY FROM THE DRUM OR DILUTED TO ANY DEGREE FOR OPTIMUM RESULTS. PRODUCT IS AVAILABLE IN 30 & 55 GALLON DRUMS & IN BULK QUANTITIES. IN A 30 DAY STUDY OF RATS FED DIETS 30,000 PP M OF (HEDP) DEVELOPED AVERAGE BODY WEIGHT GAINS OF BOTH MALES/FEMALES WERE REDUCED/LIVER WEIGHT OF MALES WERE DECREASED.

Chemical Properties

Boiling Pt:B.P. Text:>212F
Vapor Pres:Spec Gravity: 1.131
pH: 12.1
Evaporation Rate & Reference:(WATER =1): Solubility in Water:COMPLETE
Appearance and Odor:STRAW COLOR, MILD ODOR
Percent Volatiles by Volume:80%

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS/OXIDIZING AGENTS, & CATIONIC POLYMERS
Stability Condition to Avoid:HIGH TEMPERATURES
Hazardous Decomposition Products:CO, CO2, & NITROGEN

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. RECONDITION OR DISPOSE OF EMPTY CONTAINERS IN ACCORDANCE W/GOVERNMENT REGULATIONS.

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.