CHEMTREAT CL-1409

MSDS Number

BBKTJ

National Stock Number

6850-00F002349

Product Name

CHEMTREAT CL-1409

Manufacturer

CHEMTREAT INC

Product Identification

Product ID:CHEMTREAT CL-1409
MSDS Date:11/07/1986
FSC:6850
NIIN:00F002349
MSDS Number: BBKTJ

Responsible Party

CHEMTREAT, INC.

500 LICKINGHOLE ROAD

ASHLAND , VA 23005-3294

Emergency Phone: (804) 798-3231

Info Phone: (804) 798-3231

Cage: EO660

Contractor

CHEMTREAT, INC.

ASHLAND, VA 23005

US

(804) 798-3231

Cage: EO660

Ingredients

ZINC CHLORIDE (SARA III)

CAS: 7646-85-7

RTECS: ZH1400000

Fraction By Weight: 2-3%

OSHA PEL1 MG/M3/2 STEL

ACGIH TLV: 1 MG/M3/2STEL FUME93

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

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

CAS: 2809-21-4

RTECS: SZ8562100

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

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): 350 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:EYE/SKIN: CORROSIVE & IRRITATION. INGESTION: HARMFUL & IRRITATION OF THE THROAT & MUCOUS MEMBRANES.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SKIN/EYES: IRRITATION & CORROSIVE. INGESTION: HARMFUL, IRRITATION OF THE THROAT & MUCOUS MEMBRANES.

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR OXYGEN IF NEEDED. INGESTION: DRINK 1 OR 2 GLASSES OF WATER. DON'T INDUCE VOM ITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:WATER, CO2, DRY CHEMICAL, FOAM
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:THIS PRODUCT CAN FORM FLAMMABLE PHOSPHINE GAS WHEN HEATED >200C.

Accidental Release

Spill Release Procedures:WEAR APPROPRIATE EQUIPMENT. CONTAIN SPILL. USING AN INERT CHEMICAL ABSORBENT, COLLECT SPILLE DMATERIAL & PLACE IN A PROPERLY LABELED CONTAINER FOR DISPOSAL.

Handling

Handling and Storage Precautions:KEEP CONTAINER SECURELY CLOSED WHEN NOT IN USE. DON'T GET ON SKIN, EYES, & CLOTHING. WASH THOROUGHLY AFTER HANDLING. USE W/ADEQUATE VENTILATION.
Other Precautions:KEEP AWAY FROM HEAT/OXIDIZERS. DON'T INGEST. LABEL PRECAUTION APPLY TO EMPTY CONTAINER. PRODUCT MAY BE FED DIRECTLY FROM DRUM/DILUTED IN WATER TO ANY DEGREE FOR OPTIMUM RESULTS. PRODUCT IS A BLEND OF ORGANIC/INORGANIC CORROSION INHIBITORS.

Exposure Controls

Respiratory Protection:NONE REQUIRED UNDER USUAL CONDITIONS OF USE.
Ventilation:LOCAL EXHAUST
Protective Gloves:RUBBER
Eye Protection:CHEMICAL GOGGLES, APRON, BOOTS
Other Protective Equipment:EYE WASH FOUNTAIN, SAFETY SHOWER
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
TESTING W/ZINC CHLORIDE USING BACTERIAL/MAMMALIAN CELL CULTURES, HAVE DEMONSTRATED MUTIGENIC ACITIVITY. ZINC CHLORIDE HAS BEEN SHOWN TO HAVE EMBROYOTOXIC ACITIVITY IN ANIMALS. IN A 30-DY FEEDING STUDY ,

RATS WERE FED DIETS CONTAINING 30,000PPM OF (HEDP), CAUSING BODY WEIGHT GAINS REDUCTION & LIVER WEIGHTS DECREASED.

Chemical Properties

Boiling Pt:B.P. Text: 212F
Vapor Pres:Spec Gravity:1.133
pH:11.8
Evaporation Rate & Reference:(WATER): Solubility in Water:COMPLETE
Appearance and Odor:LIGHT STRAW COLORED LIQUID W/MILD ODOR
Percent Volatiles by Volume:81%

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, STRONG OXIDIZING AGENTS
Stability Condition to Avoid:TEMPERATURES >120F
Hazardous Decomposition Products:CO, CO2, PHOSPHINE GAS

Disposal

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

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