Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802 Country:US

Phone:201-796-7100

CAGE:1B464

======= Composition/Information on Ingredients ========

Ingred Name: SODIUM TETRABORATE, DECAHYDRATE

CAS:1303-96-4

RTECS #: VZ2275000 Fraction by Wt: 100%

Other REC Limits: NONE SPECIFIED

OSHA PEL:10 MG/M3 ACGIH TLV:5 MG/M3; 9192

LD50 LC50 Mixture:LD50 ORAL RAT IS 2660 MG/KG Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-INHALE:IRRITATING & CAUSING FEVER,NAUSEA,VOMITING,DIARRHEA,CONVULSION,JAUNDICE,ANURIA,LIVER & KIDNEY DAMAGE.EYE/SKIN:IRRITATION.ORAL:MAY CAUSE VOMITING,BLOODY DIARRHEA,EPIGASTRIC PAIN,HEADACHE,C ONVULSIONS,CNS DEPRESSION,CONFUSION,COMA,DEATH.CHRONIC-KIDNEY & LIVER DAMAGE,DERMATITIS,C

ONJUNCTIVITIS, BRONCHITIS.

Effects of Overexposure:INHALATION IS IRRITATING & CAUSING FEVER, NAUSEA, VOMITING, DIARRHEA, CONVULSION, JAUNDICE, ANURIA, LIVER & KIDNEY DAMAGE. EYE & SKIN IRRITATION. ORALLY MAY CAUSE VOMITING, BLOODY DIARRHEA, EPIGASTRIC PAIN, HEADACHE, CONVULSIONS, CNS DEPRESSION, CONFUSION, COMA & EVEN DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE

MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

====== First Aid Measures ======	
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST.EYES:FLUSH WITH WATER FOR 15 MINUTES.HOLD EYELIDS OPEN.SKIN:WASH WITH SOAP & WATER.INHALED:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NECESSARY.ORAL:IF CONSCIOUS,DR INK 2-4 GLASSES OF WATER & INDUCE VOMITING.SEE PHYSICIAN.

Flash Point:NONE

Extin

guishing Media:USE WATER SPRAY, HALON, CARBON DIOXIDE, STANDARD FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures: NO ACUTE HAZARD. WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS/AVOID BREATHING VAPORS OR DUSTS. KEEP UPWIND. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE.

Unusual Fire/Explosion Hazard: COMPOUND MELTS TO A GLASSY MATERIAL THAT MAY FLOW IN LARGE QUANTITIES AND IGNITE COMBUSTIBLE MATERIALS ELSEWHERE.

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====== Accidental Release Measures =========		
Spill Release Procedures:SWEEP UP MATERIAL, PLACE IN A CONTAINER AND HOLD FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.		
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Handling and Storage Precautions:STORAGE-STORE IN TIGHTLY CLOSED CONTAINER AWAY FROM INCOMPATIBLE SUBSTANCES. Other Precautions:DO NOT GET IN EYES OR ON SKIN. DO NOT GENERATE DUST. DO NOT BRE ATHE DUST, MIST OR FUMES. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.		
====== Exposure Controls/Personal Protection ========		
Respiratory Protection:FOR CONDITIONS WHERE EXPOSURE TO DUST OR FUMES IS APPARENT, A NIOSH APPROVED RESPIRATOR FOR DUST MISTS AND FUMES APPROPRIATE TO THE CONCENTRATION MAY BE WORN. IN EMERGENCY, WEAR SELF-CONTAINED BREATHI NG APPARATUS OPERATED IN + PRESSURE. Ventilation:PROVIDE SUFFICIENT MECHANICA L (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S). Protective Gloves:CHEMICAL RESISTANT GLOVES/RUBBER Eye Protection:DUST-RESISTANT SAFETY GOGGLES Other Protective Equipment:APPROPRIATE PROTECTIVE (IMPERVIOUS) CLOTHING AND EQUIPMENT, EYEWASH FOUNTAIN, EMERGENCY SHOWER Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, DRINKING OR SMOKING. Supplemental Safety and Health		
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HCC:N1 Melt/ Freeze Pt:M.P/F.P Text:167F,75C Decomp Temp:Decomp Text:2867F,1575C Spec Gravity:1.73 pH:9.5 Solubility in Water:5.92% @ 25C Appearance and Odor:COLORLESS TO WHITE TRANSPARENT CRYSTALS/POWDER - ODORLESS		
======== Stability and Reactivity Data =========		
Stability Indicator/Materials to Avoid:YES ZIRCONIUM: EXPLOSIVE REACTION WHEN HEATED. Stability Condition to Avoid:HIGH HEAT, FLAME Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE TOXIC SODIU		

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======= Disposal Considerations ===========

Waste Disposal Methods:WASTE DISPOSAL TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

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