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## **HYDROTECH AQUABROME TABLETS**

### **MSDS Number**

CHYXX

### **National Stock Number**

6850-00N090123

### **Product Name**

HYDROTECH AQUABROME TABLETS

### **Manufacturer**

ASEPSIS INC

### **Product Identification**

Product ID:HYDROTECH AQUABROME TABLETS

MSDS Date:12/19/1997

FSC:6850

NIIN:00N090123

Status Code:A

MSDS Number: CHYXX

### **Responsible Party**

ASEPSIS INC

AVONDALE ESTATES , GA 30002

US

Emergency Phone: 303-623-5716;800-424-9300(CHEMTREC)

Info Phone: 800-959-7946

Cage: GO526

### **Contractor**

ASEPSIS INC

537

AVONDALE ESTATES, GA 30002

US

800-959-7946

Cage: GO526

### **Ingredients**

1-BROMO-3-CHLORO-5,5-DIMETHYLHYDANTOIN

CAS: 16079-88-2

RTECS: MT9195400

Fraction By Weight: 96%

OSHA PELN/K

ACGIH TLV: N/K

FULLED BY OTHER MATS, THIS PROD MAY SMOLDER FOR

RTECS: 9999999ZZ

SPIILLED MATL SHOULD BE CONSIDERED CONTAMD.

RTECS: 9999999ZZ

APPEARS UNDAMAGED EXCEPT FOR BEING DAMP/OUTSIDE

RTECS: 9999999ZZ

SHOULD BE NEUTRALIZED TO A NON-OXIDIZING MATERIAL

RTECS: 9999999ZZ

NITROGEN CNTNG CMPDS; INORG REDUCING CMPDS;

RTECS: 9999999ZZ

SWIMMING POOL/SPA CHEMICALS IN THEIR CONCENTRATED

RTECS: 9999999ZZ

ADMINISTER OXYGEN. IF NOT BREATHING, GIVE

RTECS: 9999999ZZ

PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE

RTECS: 9999999ZZ

USE FLOOR SWEEPING CMPDS TO CLEAN UP SPILLS. DO

RTECS: 9999999ZZ

BE LEFT OPEN TO DISPERSE ANY HAZ GASES THAT MAY

RTECS: 9999999ZZ

SEWERS, WATERSHELDS & WATER SYS. DO NOT CONTAM

RTECS: 9999999ZZ

DISPOSE OF ACCORDING TO LOCAL, STATE AND FEDERAL

RTECS: 9999999ZZ

USE CLEAN DRY UTENSILS. DO NOT ADD THIS PROD TO

PROD. SUCH USE MAY CAUSE A VIOLENT RXN LEADING TO

RTECS: 9999999ZZ

CHEM WILL START A CHEM RXN & GENERATE HEAT, HAZ

RTECS: 9999999ZZ

DO NOT RESEAL CNTNR. IF POSS, ISOLATE CNTNR IN OPEN

RTECS: 9999999ZZ

REPRESENTATIVE AT NEAREST EPA REGIONAL

RTECS: 9999999ZZ

BY STOR/DISP/CLEANING OF EQUIP. DO NOT PUT PROD,

RTECS: 9999999ZZ

OR WASTE COMPACTOR. CONTACT WITH INCOMPATIBLE

RTECS: 9999999ZZ

DO NOT REUSE CONTAINER. RINSE THOROUGHLY BEFORE

RTECS: 9999999ZZ

AND FULL LENGTH FACESHIELD .

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:LD50 (ORAL, RAT): 578 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: DANGER: HIGHLY CORROSIVE.  
CAUSES EYE DAMAGE. DO NOT GET IN EYES. SKIN: DANGER: HIGHLY  
CORROSIVE. CAUSE SKIN DAMAGE. DO NOT GET ON SKIN. INGESTION: MAY BE  
FATAL IF SWALLOWED. INHALATION: IRRITATING TO NOSE AND THROAT.  
AVOID BREATHING DUST OR FUMES. CHRONIC: THERE ARE NO KNOWN CHRONIC  
HAZARD.

Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:EXISTING DERMATITIS MAY BE  
AGGRAVATED BY EXPOSURE.

## First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/COLD WATER FOR AT LEAST 15 MIN. THEN GET  
IMMEDIATE MEDICAL ATTENTION. SKIN: BRUSH OFF EXCESS CHEMICAL & FLUSH SKIN W/COLD  
WATER FOR AT LEAST 15 MIN. IF IRRITATED, GET MEDICAL ATTENTION. INGESTION:  
DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. AVOID ALCOHOL. NEVER  
GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSONS. CALL MEDICAL/POISON CONTROL IMMEDIATELY.  
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, HAVE TRAINED  
PERSONS (INGESTION)

## Fire Fighting

Extinguishing Media:IN CASE OF FIRE/SMOKE, CALL FIRE DEPARTMENT. DO NOT  
ATTEMPT TO EXTINGUISH FIRE WITHOUT A NIOSH APPROVED SCUBA. DO NOT (SUPPORT)  
Fire Fighting Procedures:USE NIOSH APPROVED SCUBA & FULL PROTECTIVE EQUIPMENT .  
FIRES FUELED BY OTHER MATERIALS MAY RELEASE HYDROGEN BROMIDE, BROMINE,  
HYDROGEN CHLORIDE/CHLORINE. AMMONIUM (SUPPORT)  
Unusual Fire/Explosion Hazard:A DUST EXPLOSION SEVERITY DETERMINED WAS  
PERFORMED USING HARTMANN DUST EXPLOSION BOMB DESIGNED AT U S  
BUREAU OF MINES. PRODUCT WAS DETERMINED NOT TO BE IGNITABLE.

## Accidental Release

Spill Release Procedures:USING APPROPRIATE PROTECTIVE CLOTHING & SAFETY EQUIPMENT, CONTAIN  
SPILLED MATERIAL. DO NOT ADD WATER TO SPILLED MATERIAL. USING CLEAN  
DEDICATED EQUIPMENT, SWEEP & SCOOP ALL SPILLED MATERIAL, CONTAMINATED SOIL, &  
OTHER CONTAMINATED MATERIAL & PLACE INTO CLEAN DRY CONTAINERS FOR DISPOSAL. DO

NOT (ING 10)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP THIS PRODUCT IN ORIGINAL CLOSED CONTAINER WHEN NOT IN USE. STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT/OPEN FLAME.  
Other Precautions:DO NOT CONTAMINATE H<sub>2</sub>O, FOOD/FEED BY STORAGE/DISPOSAL/CLEANING OF EQUIP. DO NOT STORE ABOVE 125F (52C).  
STRONG OXIDIZING AGENT: DO NOT MIX W/OTHER CHEMS. MIX ONLY W/H<sub>2</sub>O. NEVER ADD H<sub>2</sub>O TO PROD. ALWAYS ADD PROD TO LRG QTYIES OF H<sub>2</sub>O. (ING 14)

## Exposure Controls

Respiratory Protection:A RESPIRATORY PROTECTION PROGRAM THAT MEETS NIOSH REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.  
Ventilation:GENERAL ROOM VENTILATION PLUS LOCAL EXHAUST SHOULD BE USED TO MINIMIZE EXPOSURE TO DUST/VAPORS.  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES(ING 22)  
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA .  
Work Hygienic Practices:REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
VAP DENS: 60.1 LG/FT<sup>3</sup>. PH: 3.5 (0.1% SOLUTION IN DI WATER). EXTING MEDIA: LET FIRE BURN. FLOOD W/COPIOUS AMTS OF H<sub>2</sub>O. DO NOT USE ABC/OTHER DRY CHEM EXTINGUISHERS SINCE THERE IS THE POTENTIAL FOR A VIOLENT RXN. FIRE FIGHT PROC: PHOSPHATE (ABC) FIRE EXTINGUISHERS SHOULD NOT BE USED. GENERAL HAZARD: IN LRG FIRES (ING 2)

## Chemical Properties

Decomp Temp:Decomp Text:>559F,>293C  
Vapor Density:SUPDAT  
pH:SUPDAT  
Solubility in Water:0.15G/100G WATER  
Appearance and Odor:TABLET WHITE; FAINT HALOGEN ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT W/H<sub>2</sub>O ON CONCENTRATED MATL IN CNTNR. AVOID CONTACT W/EASILY OXIDIZIBLE MATL; AMMONIA, UREA/SIMILAR (ING 6)  
Stability Condition to Avoid:HIGH TEMPERATURE. POOR VENTILATION. CONTAMINATION. MOISTURE/HIGH HUMIDITY.  
Hazardous Decomposition Products:HYDROGEN BROMIDE, BROMINE, HYDROGEN CHLORIDE, CHLORINE.

## Disposal

Waste Disposal Methods:PESTICIDE WASTES ARE TOX. IMPROPER DISP OF EXCESS PESTICIDE/RINSATE IS A VIOLATION OF FED LAW. IF THESE WASTES CANNOT BE DISPOSED BY USE ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE/ENVIRONMENTAL CONTROL AGENCY/HAZ WASTE (ING 18)

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