

C 592

MSDS Number

CBCVJ

National Stock Number

6850-00N065329

Product Name

C 592

Manufacturer

AQUA TREAT CHEMICALS INC

Product Identification

Product ID: C 592
MSDS Date: 11/01/1993
FSC: 6850
NIIN: 00N065329
MSDS Number: CBCVJ

Responsible Party

AQUA TREAT CHEMICALS INC
1601 INDUSTRIAL WAY SUITE 120
BELMONT , CA 94002
US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 415-593-2100

Cage: 0ZUJ2

Contractor

AQUA TREAT CHEMICALS INC
BELMONT, CA 94002
US
415-493-2100
Cage: 0ZUJ2

Ingredients

HYDROCHLORIC ACID; (HYDROGEN CHLORIDE) (SARA 302/313)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight:

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: ACUTE: PRIMARY IRRITANT. EYES: SEVERE BURNS AND POSSIBLE EYE DAMAGE. SKIN: SEVERE BURNS, DERMATITIS. INGESTION: SEVERE IRRITATION AT MOUTH AND THROAT. INHALATION:

SEVERE RESPIRATORY IRRITATION. CHRONI C: PROLONGED CONTACT MAY CAUSE TISSUE DESTRUCTION.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NOT KNOWN.

First Aid

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND OBTAIN MEDICAL ATTENTION. SKIN: FLUSH WITH WATER FOR 15 MINUTES. INGESTION: DRINK SMALL AMOUNTS OF WATER FOR DILUTION AND OBTAIN IMMEDIATE MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE

Extinguishing Media:USE WATER, FOAM, DRY CHEMICAL OR CARBON DIOXIDE FOR FIRES IN STORAGE AREA.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . KEEP CONTAINER COOL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:ACID WILL REACT WITH ACTIVE METALS TO PRODUCE FLAMMABLE HYDROGEN.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE CLOTHING, GOGGLES AND NIOSH/MSHA APPROVED RESPIRATOR. SOAK UP SPILLS WITH SAND OR OTHER ABSORBENT. PLACE INTO CHEMICAL WASTE CONTAINER FOR DISPOSAL. NEUTRALIZE RESIDUE WITH LIME OR SODA ASH AND FLUSH AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL PROTECTED LOCATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. TRIPLE RINSE CONTAINERS BEFORE REUSE OR DISPOSAL & FOR HYGIENIC PRACTICES.

Other Precautions:KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED ACID GAS/ORGANIC VAPOR RESPIRATOR IF VENTILATION IS INADEQUATE.

Ventilation:LOCAL EXHAUST NOT NORMALLY REQUIRED. MECHANICAL (GENERAL) RECOMMENDED FOR ENCLOSED AREA.

Protective Gloves:RUBBER OR PLASTIC RECOMMENDED.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS (SUP DAT)

Other Protective Equipment:PROTECTIVE CLOTHING. EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .

Work Hygienic Practices:ALWAYS WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EYE PROT: GOGGLES AND FULL LENGTH FACESHIELD .

Chemical Properties

Boiling Pt:B.P. Text:178F,81C

Vapor Pres:25

Spec Gravity:1.16

pH: Solubility in Water:COMPLETE

Appearance and Odor:REDDISH-BROWN LIQUID, WITH PUNGENT ODOR

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG CAUSTIC, METALS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:HYDROGEN, HYDROGEN CHLORIDE.

Disposal

Waste Disposal Methods:AT APPROVED CHEMICAL WASTE REPROCESSING FACILITY. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS .

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