

C & H FIXER AND REPLENISHER,PART A

MSDS Number

BMSPJ

National Stock Number

6750-00-929-8101

Product Name

C & H FIXER AND REPLENISHER,PART A

Manufacturer

CLAYTON CHEMICAL CO

Product Identification

Product ID:C & H FIXER AND REPLENISHER,PART A

MSDS Date:01/17/1991

FSC:6750

NIIN:00-929-8101

Kit Part:Y

MSDS Number: BMSPJ

Responsible Party

CLAYTON CHEMICAL CO.

13310 S. FIGUEROA STREET

LOS ANGELES , CA 90061

US

Emergency Phone: 310-538-9530/800-424-9300(CHEMTREC)

Info Phone: 310-538-9530

Cage: 61803

Contractor

CLAYTON CHEMICAL CO., A DIV OF VARICHEM CORP

276-Z

HEATHSVILLE, VA 22473

US

703-759-9399

Cage: 6W820

Ingredients

AMMONIUM THIOSULFATE

CAS: 7783-18-8

RTECS: XN6465000

Fraction By Weight:

ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS: AF1225000

Fraction By Weight:

OSHA PEL10 PPM

ACGIH TLV: 10 PPM/15 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

FROM WASTE DISP) PROVIDE ADEQUIATE VENTILATION TO DISIPATE

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO BODY TISSUES.
EXTREME CASES OF INHALATION MAY CAUSE BRONCHITIS, PULMONARY EDEMA,
OR CHEMICAL PNEUMONITIS.

Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT
IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES:IRRITATION; SKIN:POSSIBLE IRRITATION ON
PROLONGED CONTACT; INHALED: COUGHING, CHEST PAIN, DIFFICULTY IN
BREATHING. INGEST:NOT GIVEN BY MANUFACTURER (SUPPLIER).

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS,EYE PROBLEMS,OR RESPIRATORY PROBLEMS MAY BE MORE
SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE
CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP &
WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED.
INGESTED:IMMEDIA TELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND
INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE
MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A
DOCTOR.

Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Accidental Release

Spill Release Procedures:ABSORB AND REMOVE BULK OF SPILL WITH
ABSORBENT SWEEPING COMPOUND. NEUTRALIZE ANY REMAINING LIQUID WITH
A WUITABLE BASE SUCH AS SODA ASH OR LIME.

Neutralizing Agent:SODA ASH OR LIME

Handling

Handling and Storage Precautions:AVOID BREATHING FUMES/VAPORS.WEAR
APPROPRIATE PROTECTIVE CLOTHING.

Other Precautions:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Exposure Controls

Respiratory Protection:NOT NECESSARY

Ventilation:LOCAL EXHAUST REQUIRED. MECHANICAL EXHAUST OPTIONAL

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:RUBBER APRON IF SPILLS ARE LIKELY

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH
BEFORE RE-USE

Supplemental Safety and Health

MFR CODE NO. = 36178A/1. MFR CATALOG NO. = DA2121S OR DA21210.

Chemical Properties

HCC:C3

Boiling Pt:B.P. Text:>212F/>100C

Spec Gravity:1.35

pH:5.3

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, PALE STRAW; SOUR ODOR OFF AMMONIA & VINGEGAR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS & STRONG ALKALIS.

Stability Condition to Avoid:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Hazardous Decomposition Products:SULFUR DIOXIDE IF WITH ACIDS

Disposal

Waste Disposal Methods:DILUTE FIXER WITH WATER, NEUTRALIZE TO PH 6-8 AS ABOVE, AND DISPOSE THROUGH WASTE TREATMENT PLANT. ALTERNATELY FOR WORKING STRENGTH SPENT FIXER,REMOVE SILVER, DILUTE WITH WATER, NEUTRALIZE TO PH 6-8. IF BAKING SODA OR SODA ASH ARE USED, (SEE INGRED 4

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