

1072 FIXER HARDENER-PART B 176-060C

MSDS Number

BKBWD

National Stock Number

6750-00-201-1199

Product Name

1072 FIXER HARDENER-PART B 176-060C

Manufacturer

CLAYTON CHEMICAL CO

Product Identification

Product ID:1072 FIXER HARDENER-PART B 176-060C

MSDS Date:06/15/1987

FSC:6750

NIIN:00-201-1199

Kit Part:Y

MSDS Number: BKBWD

Responsible Party

CLAYTON CHEMICAL CO.

13310 S. FIGUEROA STREET

LOS ANGELES , CA 90061

US

Emergency Phone: 213-538-9530

Info Phone: 213-538-9530

Preparer: JOHN B. TAYLOR

Cage: 6W820

Contractor

CLAYTON CHEMICAL CO., A DIV OF VARICHEM CORP

276-Z

HEATHSVILLE, VA 22473

US

703-759-9399

Cage: 6W820

Ingredients

ALUMINUM SULFATE (SARA III)

CAS: 10043-01-3

RTECS: BD1700000

Fraction By Weight: 41%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

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

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

Health Hazards Acute and Chronic:MATERIAL IS A CORROSIVE ACID SOLUTION AND WILL CAUSE IRRITATION AND BURNS TO EYES, SKIN, RESPIRATORY TRACT AND GASTROINTESTINAL TRACT. INGESTION WILL RESULT IN BURNS TO THE MOUTH, THROAT, AND GASTROINTESTINAL TRACT. CHRONIC: PROLONGED EXPOSURE MAY LEAD TO DELAYED EFFECTS INCLUDING SCARRING AND INFECTION OF LIVER/KIDNEY

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE AND SKIN BURNS DEVELOP IMMEDIATELY.

INGESTION MAY CAUSE ABDOMINAL PAIN, NAUSEA, VOMITING, HEMORRAGING, AND PERFORATION OF ORGANS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING. INGESTION: DO NOT INDUCE VOMITING. GIVE VICTIM LARGE AMOUNTS OF WATER TO DILUTE MATERIAL. GET MEDICAL ATTENTION.

Fire Fighting

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES OF IGNITION, AND VENTILATE AREA AS REQUIRED. ABSORB SMALL SPILL WITH INERT MATERIAL (SAW DUST, SAND, OIL DRY ETC.) PLACE WASTE IN DOT APPROVED CONTAINER FOR DISPOSAL.

Neutralizing Agent:SODA ASH OR SODIUM BICARBONATE (SMALL SPILLS)

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:CORROSIVE MATERIAL - AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. AVOID BREATHING VAPORS.

Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:ACID RESISTANT GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
CORROSIVE MATERIAL - AVOID CONTACT.

Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:>212

Spec Gravity:2.5

pH:1.8

Solubility in Water:COMPLETE

Appearance and Odor: CLEAR, COLORLESS, NO ODOR

Stability

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. DILUTED AND NEUTRALIZED MATERIAL CAN PROBABLY BE FLUSHED TO WASTE WATER TREATMENT VIA A SEWER.

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