

36176F/1 CF FIXER WITH HARDENER, PART A

MSDS Number

BJPMT

National Stock Number

6750-00-965-4952

Product Name

36176F/1 CF FIXER WITH HARDENER, PART A

Manufacturer

CLAYTON CHEMICAL CO

Product Identification

Product ID:36176F/1 CF FIXER WITH HARDENER, PART A

MSDS Date:01/23/1991

FSC:6750

NIIN:00-965-4952

Kit Part:Y

MSDS Number: BJPMT

Responsible Party

CLAYTON CHEMICAL CO

1554 24TH ST

NORTH CHICAGO , IL 60064

US

Emergency Phone: 708-698-4002

Info Phone: 708-698-4002

Cage: 1HS49

Contractor

CLAYTON CHEMICAL CO., A DIV OF VARICHEM CORP

276-Z

HEATHSVILLE, VA 22473

US

703-759-9399

Cage: 6W820

Ingredients

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

AMMONIUM THIOSULFATE

CAS: 7783-18-8

RTECS: XN6465000

Fraction By Weight:

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: TO 100%

Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT MAY CAUSE EYE, SKIN &
RESPIRATORY OR G/I TRACT IRRITATION. IT IS CONSIDERED A LOW HAZARD
FOR NORMAL INDUSTRIAL HANDLING.
Explanation of Carcinogenicity:THIS PRODUCT CONTAINS NO INGREDIENT
LISTED AS CARCINOGEN BY IARC,NTP, OR OSHA.
Effects of Overexposure:EYE:CAUSES IRRITATION SKIN:CAUSES IRRITATION.
INHALED:MAY CAUSE IRRITATION IF DUST OR MIST IS INHALED.
INGESTED:MAY BE HARMFUL IF SWALLOWED. HMIS:MAY CAUSE G/I
IRRITATION,NAUSEA,VOMITING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE
CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH WITH SOAP &
WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED.
INGESTED:GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE
VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL
CARE.

Fire Fighting

Flash Point:NON-FLAMMABLE
Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH
MEDIA APPROPRIATE FOR SOURCE OF FIRE.
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:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release

Spill Release Procedures:RECOVER AS LIQUID OR ADSORB WITH
CLOTH,PAPER,OTHER INERT MATERIAL.
Neutralizing Agent:SODIUM BICARBONATE NOTE: AMMONIA IS RELEASED ABOVE
PH 7

Handling

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED
AREA. KEEP TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM ACIDS AND
ALKALIS.
Other Precautions:READ LABEL THEN FOLLOW INSTRUCTIONS.

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR
INORGANIC DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR
1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.
Ventilation:NORMAL ROOM VENTILATION SUPPLEMENTED WITH LOCAL EXHAUST
ESPECIALLY WHEN MIXING.
Protective Gloves:RUBBER,VINYL,OTHER IMPERVIOUS
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. USE APRON
AND FACE SHIELD WHEN MIXING LIQUIDS OR IF SPLASHING IS LIKELY.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT.

Supplemental Safety and Health

KEY!: N1. THIS MSDS COVERS THE 1 GALLON BOTTLE OF FIXER PRIOR TO MIXING INTO THE WORKING BATH. REFER ALSO TO P/N IND. B FOR THE MSDS OF THE HARDENER. REFER TO BOTH WHEN WORKING WITH THE MIXED BATH.

Chemical Properties

HCC:C1

Boiling Pt:>100.C, 212.F

Spec Gravity:1.350

pH:5.3

Evaporation Rate & Reference:Solubility in Water:COMPLETE

Appearance and Odor:CLEAR PALE YELLOW LIQUID, SOUR ODOR OF AMMONIA & VINEGAR

Stability

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND ALKALIS

Stability Condition to Avoid:YNONE GIVEN BY MANUFACTURER (SUPPLIER).

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, SULFUR OXIDES, AMMONIA

Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS. MFR SUGGESTS NEUTRALIZE PH THEN FLUSH TO SEWER IF PERMITTED. NOTE: DISPOSAL OF SPENT FIXER REQUIRES REMOVAL OF SILVER PRIOR TO NEUTRALIZATION.

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