

E K INDUSTRIES INC -- ACETONE -- 6810-00-184-4796

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Product Identification
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Product ID:ACETONE

MSDS Date:08/14/1992

FSC:6810

NIIN:00-184-4796

MSDS Number: BXBYZ

=== Responsible Party ===

Company Name:E K INDUSTRIES INC

Address:1403 HERKIMER ST.

City:JOLIET

State:IL

ZIP:60432

Country:US

Info Phone Num:815-723-4000

Emergency Phone Num:815-723-4000/CHEMTREC 800-424-9300

CAGE:0BYE6

=== Contr

actor Identification ===

Company Name:E K INDUSTRIES INC

Address:411 KAY AVE

Box:City:ADDISON

State:IL

ZIP:60101

Country:US

Phone:815-723-4000/CHEMTREC 800-424-9300

CAGE:0BYE6

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Composition/Information on Ingredients
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Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 99-100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:750PPM/1000STEL;9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Id

entification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 5800 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:HEALTH HAZARDS- ACUTE: MODERATE EYE IRRITATION AND CORNEAL INJURY. MILD SKIN IRRITATION. INHALATION AND INGESTION MAY CAUSE ANESTHETIC/NARCOTIC EFFECTS. GASTROENTERIC IRRITATION. IN SEVERE CASES COMA, KIDNEY AND LIVER DAMAGE.

CHRONIC: EYE IRRITATION, CONJUNCTIVITIS, CHRONIC RESPIRATORY TRACT INFLAMMATION, DERMATITIS.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:EYES: MODERATE IRRITATION AND STINGING SENSATION. SKIN: IRRITATION, DRYING, FLAKING. INHALATION: UPPER RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, DROWSINESS, NAUSEA, VOMITING, ABDOMINAL PAIN. INGESTION: SEVERE HEARTBURN-LIKE SYMPTOMS, AND NAUSEA, DIARRHEA , VOMITING, LETHARGY, STUPOR, SHALLOW RESPIRATION, COMA.

Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY OR SKIN DISEASES, MAY BE MORE ADVERSELY AFFECTED BY EXPOSURE TO THIS PRODUCT. ALCOHOL MAY ENHANCE THE TOXIC EFFECTS.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEE DOCTOR IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. SEE DOCTOR IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR IMMEDIATELY. INGESTION: GIVE 2 GLASSES OF WATER,INDUCE VOMITING OR PERFORM GASTRIC LAVAGE IF LARGE AMOUNTS ARE INGESTED. SEE DOCTOR IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:-4F,-20C

Lower Limits:2.5

Upper Limits:13

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DIRECT WATER

STREAM MAY BE INEFFECTIVE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE.FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. VAPORS HEAVIER THAN AIR. CAN TRAVEL ALONG GROUND AND FLASHBACK.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK IF IT

CAN BE DONE WITHOUT RISK. USE WATER SPRAY TO REDUCE VAPORS. ALLOW TO EVAPORATE IF IT CAN BE DONE SAFELY. OTHERWISE, SOAK UP IN ABSORBENT MATERIAL AND SCOOP UP INTO DRUMS.REPORT SPILLS TO NRC AT 800-424-8802

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:DO NOT

TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID

PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. USE SPARK-RESISTANT TOOLS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED WITH ADEQUATE VENTILATION. NIOSH/MSHA-APPROVED RESPIRATOR WITH ORGANICS CARTRIDGE OR APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilati

on:LOCAL EXHAUST VENTILATION. USE EXPLOSION-PROOF EQUIPMNENT.

USE ONLY WITH ADEQUATE VENTILATION.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

USE ONLY WITH ADEQUATE VENTILATI

ON.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:133F,56C

Melt/Freeze Pt:M.P/F.P Text:-139F,-95C

Vapor Pres:186 @ 68F

Vapor Density:2

Spec Gravity:0.791

Evaporation Rate & Reference:7.7 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS, VOLATILE LIQUID. SWEETISH
MINT-LIKE ODOR AND SWEET TASTE.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stabi

lity Indicator/Materials to Avoid:YES

STRONG ACIDS,BASES OR OXIDIZERS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
INCOMPLETELY BURNED CARBON PRODUCTS.

===== Disposal Considerations =====

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND
LOCAL REGULATIONS. HMIS RECO
MMENDS INCINERATION.RCRA CODE IS U002.

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