

CHEMTECH INDUSTRIES INC -- ACETONE -- 6810-00-184-4796

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Product Identification
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Product ID:ACETONE

MSDS Date:04/07/1989

FSC:6810

NIIN:00-184-4796

MSDS Number: BLMSW

=== Responsible Party ===

Company Name:CHEMTECH INDUSTRIES INC

Address:9909 CLAYTON RD

City:ST LOUIS

State:MO

ZIP:63124

Country:US

Emergency Phone Num:314-966-9900

CAGE:56894

=== Contractor Identification ===

Company Name:CH

EMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES RD

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Country:US

Phone:314-966-9934

CAGE:56894

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

CAS:67-64-1

RTECS #:AL3150000

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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Routes of

Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYE:IRRITATING & WILL INJURE EYE
IF NOT REMOVED PROMPTLY.SKIN:FREQUENT/PROLONGED CONTACT MAY
IRRITATE & CAUSE DERMATITIS.INHALATION:HIGH VAPOR CONCENTRATIONS
ARE IRRITATING & MAY CAUSE HEADACHE, DIZZINESS &
ANESTHETIC.INGESTION:GI IRRITATION,NAUSEA,VOMITING &
DIARRHEA.ASPIRATION HAZARD.CHRONIC-NOT KNOWN.

Explanation of Carcinogenicity:THIS
PRODUCT IS NOT LISTED BY IARC, NTP,
OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION OF EYES AND SKIN. FREQUENT OR
PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS. INHALATION OF HIGH
VAPOR CONCENTRATIONS ARE IRRITATING & MAY CAUSE HEADACHE,
DIZZINESS, WEAKNESS, FATIGUE, UNCONSCIOUSNESS AND EVEN DEATH.
INGESTION MAY RESULT IN GI IRRITATION, NAUSEA, VOMITING & DIARRHEA.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS.

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First Aid

Measures =====

First Aid:GET PROMPT MEDICAL ATTENTION IN ALL CASES.INHALATION:REMOVE
TO FRESH AIR.GIVE CPR IF NEEDED.EYES:IMMEDIATELY FLUSH WITH WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN.SKIN:WASH WITH SOAP &
WATER.INGESTION: DO NOT INDUCE VOMITING.

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Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:-4F,-20C

Lower Limits:2.1

Upper Limits:13.0

Extinguishing Media:NFPA CLASS B EXTINGUISHER(CO2 OR FOAM).WATER MAY
BE
INEFFECTIVE BUT TO COOL FIRE EXPOSED SURFACES & TO PROTECT
PERSONNEL

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS.SHUT OFF"FUEL"TO
FIRE.LET IT BURN/USE ALCOHOL TYPE FOAM TO COVER IT.

Unusual Fire/Explosion Hazard:KEEP AWAY FROM HEAT AND OPEN FLAMES.
CLOSED CONTAINER MAY EXPLODE IF EXPOSED TO EXTREME HEAT.

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Accidental Release Measures =====

Spill Release Procedures:WE

AR PROTECTIVE EQUIPMENT.ELIMINATE SOURCES OF
IGNITION.STOP LEAK IF POSSIBLE.NOTIFY AUTHORITIES IF 5,000 LBS OR
MORE IS SPILLED(800-424-8802).CONTAIN LIQUID WITH
SAND/EARTH.RECOVER BY PUMPING(EXPLOSION PROOF)OR SUITABLE
ABSORBENT.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED
AREA AWAY FROM SOURCES OF IGNITION.KEEP CONTAINER CLOSED.

Other Precautions

:AVOID BREATHING VAPOR/MIST.AVOID CONTACT WITH EYES &
SKIN.STORE WITH ADEQUATE VENTILATION.EMPTY CONTAINERS MAY CONTAIN
HAZARDOUS PRODUCT RESIDUES.DRUM SHOULD BE GROUNDED & BONDED WHEN
TRANSFERRING LIQUID CONTENTS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED FULL-FACE ORGANIC
VAPOR CARTRIDGE OR CANISTER RESPIRATORS AS PER CURRENT 29 C
FR

1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT. THE USE OF
MECHANICAL DILUTION VENTILATION IF MATERIAL IS HEATED/AGITATED.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR
SPLASHING CAN OCCUR.

Work Hygienic Practices:WASH THOROUGHLY WITH SOAP AND WATER AFTER

HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:F2

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

Melt/Freeze Pt:M.P/F.P Text:-138F,-94C

Vapor Pres:182

Vapor Density:2.0

Spec Gravity:0.792

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

Solubility in Water:100 %

Appearance and Odor:CLEAR COLORLESS LIQUID WITH A SHARP KETONE ODOR

Percent Volatiles by Volume:100

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= Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS (PERMANGNATE), STRONG MINERAL ACIDS, STRONG ALKALIES

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

Hazardous Decomposition Products: CARBON MONOXIDE

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

Waste Disposal Methods: CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

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