

STARTEX CHEMICAL INC -- ACETONE -- 6810-00-184-4796

===== Product Identification =====

Product ID:ACETONE

MSDS Date:03/30/1997

FSC:6810

NIIN:00-184-4796

MSDS Number: CDYDS

=== Responsible Party ===

Company Name:STARTEX CHEMICAL INC

Address:5 HACKBERRY LANE

Box:3087

City:CONROE

State:TX

ZIP:77305

Country:US

Info Phone Num:409-539-6244

Emergency Phone Num:409-539-6244/800-424-9300(CHEMTREC)

CAGE:0Y

FV5

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:CSD INC. (PRE 1985 NAME: MATHEWS, INC)

Address:420 SEABOARD DRIVE

Box:City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Phone:704-821-9822

CAGE:5W216

Company Name:STARTEX CHEMICAL INC

Address:5 HACKBERRY LANE

Box:3087

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-539-6244

CAGE:0YFV5

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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: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:750PPM/1000STEL;9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:VOLATILE ORGANIC CONTENT: 792 G/L OR 6.597 LB/GAL.

RTECS #:9999999VO

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:TLV= 750

PPM

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

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

Health Hazards Acute and Chronic:CAN CAUSE PRIMARY IRRITATION TO SKIN & EYES ON CONTACT. INHALATION OF VAPORS/MIST MAY CAUSE IRRITATION OF RESPIRATORY TRACT; ANESTHETIC; SERIOUS NERVOUS SYSTEM DEPRESSION. INGESTION MAY CAUSE ABDOMINAL IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:ACETONE IS NOT LISTED AS A CARCINOGEN BY NTP, I

ARC, OR OSHA.

Effects of Overexposure:INHALED-IRRITATION OF RESPIRATORY TRACT, DIZZINESS, STUPOR, DROWSINESS, NAUSEA, HEADACHE, VOMITING. SKIN-IRRITATION. EYES-IRRITATION. INGESTED-ABDOMINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH SEVERE SKIN, LIVER OR KIDNEY PROBLEMS SHOULD AVOID USE.

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First Aid Measures  
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First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR

MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-CONTACT POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY! IF CONSCIOUS, INDUCE VOMITING AS DIRECTED BY PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:3F,-16C

Autoignition Temp:Autoignition Temp Text:960F

Lower Limits:2.6

Upper Limits:12.8

Extinguishing Me

dia:NFPA CLASS B EXTINGUISHER (CARBON DIOXIDE OR FOAM)  
FOR CLASS I B LIQUID FIRES.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL BUNKER GEAR. WATER MAY BE EFFECTIVE AS A COOLING AGENT; BUT INEFFECTIVE EXTINGUISHING FIRE.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE! VAPORS CAN CAUSE FLASH FIRE! CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. APPLYING TO HOT SURFACES REQUIRES SPECIAL PRECAUTION

===== Accidental Release

Measures =====

Spill Release Procedures:STOP LEAK AT SOURCE. DIKE AREA & CONTAIN.  
CLEAN UP REMAINDER WITH ABSORBENT MATERIALS. MOP UP & DISPOSE OF.  
PERSONS WITHOUT PROPER PROTECTION SHOULD BE KEPT FROM AREA UNTIL CLEANED UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT STORE ABOVE 120F/49C. GROUND CONTAINERS WHEN TRANSFERRING. VAPORS MAY IGNITE EXPLOSIVELY & SPREAD LONG DISTANCES. AVOID BREATHING VAPORS. USE ONLY IN WELL-VENTILATED AREAS. DO NOT GET IN EYES, OR ON SKIN OR CLOTHES.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR

OR SUPPLIED

AIR RESPIRATOR OR SCBA, AS SITUATION REQUIRES. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RECOMMENDED- RUBBER OR BUTYL (SPILLS)

Eye Protection:SAFETY GLASSES/FACESHIELD

Other Protective Equipment:CLOTHING TO PREVENT PROLONGED OR REPEATED SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,

DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NOT WEAR CONTACT LENSES WHEN USING THIS MATERIAL.

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

HCC:F2

Boiling Pt:=-56.1C, 133.F

Melt/Freeze Pt:=-95.C, -139.F

Vapor Pres:186

Vapor Density:2.0

Spec Gravity:0.792

VOC Pounds/Gallon:792

VOC Grams/Liter:6.6

Evaporation Rate & Reference:NONE SPECIFIED BY MFR.

Solubility in Water:APPRECIABLE

Appearance and Odor:WATER-WHITE LIQUID; KETONE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ISOLATE FROM OXIDIZERS SUCH AS PERMANGANATES, CHROMATES & PEROXIDES.

Stability Condition to Avoid:ISOLATE FROM OXIDIZERS, HEAT, SPARKS, ELECTRICAL EQUIPMENT & OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE FROM BURNING.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Disposal Considerations =====

Waste Disposal Methods: RECYCLE OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL SAFETY & POLLUTION LAWS. IF QUESTIONS EXIST, CONTACT THE APPROPRIATE AGENCIES.

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