

# STARTEX CHEMICAL INC -- ACETONE -- 6810-00N091688

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

Product ID:ACETONE  
MSDS Date:05/31/1989  
FSC:6810  
NIIN:00N091688  
Status Code:A  
MSDS Number: CJNDF  
=== Responsible Party ===  
Company Name:STARTEX CHEMICAL INC  
Address:5 HACKBERRY LANE  
Box:687  
City:CONROE  
State:TX  
ZIP:77305  
Country:US  
Info Phone Num:409-539-6244  
Emergency Phone Num:(800)424-9300  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:0YFV5  
=== Contractor Identification ===  
Company Name:CSD INC. (FORMERLY STARTEX CHEMICAL INC)  
Address:5 HACKBERRY LANE  
Box:687  
City:CONROE  
State:TX  
ZIP:77305  
Country:US  
Phone:409-756-1065  
CAGE:K0649  
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

===== Composition/Information on Ingredients =====

Ingred Name:ACETONE  
CAS:67-64-1  
RTECS #:AL3150000  
= Wt:100.  
OSHA PEL:2400 MG/M3;1000 PPM  
ACGIH TLV:1780 MG/M3;750 PPM  
ACGIH STEL:2380 MG/M3;1000 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PERMISSIBLE EXPOSURE LEVEL: 750 PPM.  
THRESHOLD LIMIT VALUE: 750 PPM. EFFECTS OF ACUTE OVEREXPOSURE:  
EYES: CAUSES IRRITATION, REDNESS, TEARING. SKIN: CAN CAUSE SLIGHT  
IRRITATION. INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE  
NASAL AND RESPIRATORY IRRITATION, CNS EFFECTS INCLUDING DIZZINESS,  
WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND POSSIBLE UNCONSCIOUSNESS,  
AND EVEN DEATH. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION,  
NAUSEA, VOMITING AND DIARRHEA. EFFECTS OF CHRONIC OVEREXPOSURE:  
OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS BEEN  
SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN LAB ANIMALS:  
KIDNEY DAMAGE, EYE DAMAGE.  
Effects of Overexposure:SEE HEALTH HAZARDS.

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

First Aid:SKIN: THOROUGHLY WASH EXPOSED AREA W/SOAP & WATER. REMOVE  
CONTAM CLTHG. LAUNDRY CONTAM CLTHG BEFORE REUSE. EYES: FLUSH  
W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN, LIFTING UPPER & LOWER  
LIDS OCCASIONALLY. GET MED ATT. INGEST: IMMEDIATELY DRINK TWO GLASSES OF  
WATER & INDUCE VOMITING BY EITHER GIVING IPECAC SYRUP OR BY PLACING  
FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN  
UNCONSCIOUS PERSON. GET MED ATT IMMEDIATELY. INHAL: IF AFFECTED, REMOVE  
INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER  
OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP  
PERSON WARM, QUIET & GET MED ATT.

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

Flash Point:-18.3C, -1.F  
Lower Limits:2.6%  
Upper Limits:12.8%  
Extinguishing Media:ALCOHOL FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.  
Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE  
EQUIPMENT. NFPA CODES: HEALTH-1; FLAMMABILITY-3; REACTIVITY-0.  
Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY VOLATILE & READILY GIVES  
OFF VAPORS WHICH MAY TRAVEL ALONG GROUND OR BE MOVED BY WIND &  
IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC  
MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES AT LOCATIONS  
DISTANT FROM MATERIAL HANDLING POINT. NEVER USE WELDING OR CUTTING TORCH  
ON OR NEAR DRUM (SUPDAT)

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

Spill Release Procedures:SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE,  
FLOOR ABSORB OR OTHER ABSORB MATERIAL & TRANSFER TO HOOD. LARGE SPILL:  
ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDE PILOT LIGHTS, ELECTRIC  
SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF  
SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE  
AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK.  
REMAINING LIQUID MAY BE (SUPDAT)

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE  
HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT  
RESIDUES (VAPOR. LIQUID AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN

IN THIS DATASHEET MUST BE OBSERVE D.

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

Respiratory Protection:IF WORKPLACE EXPOS LIM(S) OF PROD OR ANY COMPONENT IS EXCEEDED (SEE INGRED SECTION), NIOSH APPRVD AIR SUPPLIED RESP IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CTL. OSHA REGS ALSO PERMIT OTHER NIOSH RESPS (NEG PRESS TYPE) UNDER SPECIFIED CNDTNS (SEE YOUR SAFETY EQUIP SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RESISTANT GLOVES SUCH AS NATURAL RUBBER, NEOPRENE, NITRILE RUBBER.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Supplemental Safety and Health

SPILL PROC: TAKEN UP ON SAND, DRY EARTH, FLOOR ABSORB, OR OTHER ABSORB MATL & SHOVELED INTO CNTNRS. EXPLO HAZ: (EVEN EMPTY) BECAUSE PROD (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. ALL FIVE GAL PAILS & LARGER METAL CNTNRS INCLUDING TANK CARS & TANK TRUCKS SHOULD BE GROUNDED &/OR BONDED WHEN MATL IS TRANSFERRED.

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

Boiling Pt:=56.1C, 133.F

Vapor Pres:181.7 MMHG @ 20C(68F)

Vapor Density:2 (AIR=1)

Spec Gravity:0.785-0.788 @ 25C(77F)

Evaporation Rate & Reference:14.40 (N-BUTYL ACETATE=1)

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALIES, STRONG MINERAL ACIDS.

===== Toxicological Information =====

Toxicological Information:LETHAN CONCENTRATION (LC50): NONE

ESTABLISHED. LETHAL DOSE 50 (LD50): N/AP. TERATOGENICITY: N/AP.

REPRODUCTIVE EFFECTS: N/AP. MUTAGENICITY: N/AP.

===== Ecological Information =====

Ecological:NO ADVERSE ECOLOGICAL EFFECTS ARE EXPECTED.

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

Waste Disposal Methods:SMALL AND LARGE SPILLS: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT HAZARD CLASSIFICATION: FLAMMABLE LIQUID.

===== Regulatory Information =====

SARA Title III Information:ACETONE IS SUBJECT TO THE REPORTING  
REQUIREMENTS OF SECTION 313 OF SARA TITLE III.

State Regulatory Information:

===== Other Information =====

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