

TEXACO CHEMICAL CO -- ACETONE 70601 -- 6810-00-223-2739

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Product Identification  
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Product ID:ACETONE 70601

MSDS Date:09/13/1991

FSC:6810

NIIN:00-223-2739

MSDS Number: BTRNM

=== Responsible Party ===

Company Name:TEXACO CHEMICAL CO

Box:27707

City:HOUSTON

State:TX

ZIP:77227

Country:US

Info Phone Num:914-838-7204MSDS(7336)/512-459-6543

Emergency Phone Num:914-831-3400/409-727-8381/424-9300

CAGE:19630

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

Company Name:TEXACO CHEMICAL CO DIV OF TEXCAO INC

Address:4800 FOURNACE PL

Box:City:BELLAIRE

State:TX

ZIP:77401

Country:US

Phone:713-961-3711

CAGE:19630

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

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100%

Other REC Lim

its:NONE RECOMMENDED  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 7400 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:VAPORS MAY BE IRRITATING TO SKIN,  
EYES, NOSE & THROAT. LIQUID MAY BE IRRITATING TO SKIN AND EYES.  
PROLONGED SKIN CONTACT MAY RESULT IN DERMATITIS. EYE CONTACT MAY  
RESULT IN TEMPORARY CORNEAL DAMAGE. INGESTION MAY CAUSE CENTRAL  
NERVOUS SYSTEM DEPRESSION. CHRONIC EFFECTS OF OVEREXPOSURE MAY  
INCLUDE KIDNEY/LIVER DAMAGE.  
Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED BY IARC,  
NTP, OR OSHA AS A SUSPECTED OR CONFIRMED CARCINOGEN.  
Effects of Overexposure:INHALATION MAY CAUSE HEADACHE, NAUSEA,  
VOMITING, DIZZINESS, NARCOSIS, SUFFOCATION, LOWER BLOOD PRESSURE,  
AND CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION. INGESTION MAY CAUSE  
NAUSEA, VOMITING, HEADACHES, DIZZINESS, GASTROINTESTINAL  
IRRITATION AND CNS DEPRESSION. VAPORS MAY CAUSE EYE, SKIN &  
RESPIRATORY TRACT IRRITATION.  
Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY  
DISEASE, SKIN DISORDERS AND EYE DISORDERS MAY BE AT INCREASED RISK  
FROM EXPOSURE. REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING  
DERMATITIS (SKIN CONDITION) .

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

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First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE  
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR  
AT LEAST 15 MINUTES, HOLDING EYELIDS APART. GET MEDICAL ATTENTION.  
SKIN: FLUSH WITH WATER. INGESTION: ONLY INDUCE VOMITING AS DIRECTED  
BY A DOCTOR. IF UNCONSCIOUS, NOTHING BY MOUTH. GET IMMEDIATE  
MEDICAL ATTENTION.

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

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Flash Point Method:TCC

Flash Point:-4F,-20C

Autoignition Temp:Autoignition Temp Text:869F

Lower Limits:2.6

Upper Limits:12.8

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. WATER MAY BE INEFFECTIVE ON FLAMES, BUT SHOULD BE USED TO COOL CONTAINERS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPORS

MAY TRAVEL A CONSIDERABLE DISTANCE

TO AN IGNITION SOURCE AND FLASH BACK. CONTAINERS MAY EXPLODE IN A FIRE. MAY FORM EXPLOSIVE AIR-VAPOR MIXTURES.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. VENTILATE AREA. KEEP PEOPLE AWAY. STAY UPWIND AND WARN OF POSSIBLE DOWNWIND EXPLOSION HAZARD. AVOID BREATHING VAPOR. WEAR SCBA FOR LARGE SPILLS OR CONFINED AREAS. CONTA IN SPILL IF POSSIBLE. REMOVE WITH

INERTABSORBENT.

Neutralizing Agent:DILUTE WITH WATER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA. KEEP CONTAINERS TIGHTLY CLOSED. USE WITH ADEQUATE VENTILATION. AVOID CONTACT.

Other Precautions:TRANSPORT, HANDLE, AND STORE IN ACCORDANCE WITH OSHA REGULATION 1910.106 AND APPLICABLE DOT REGULATIONS. GROUND AND BOND SHIPPING CONTAINER, TRANSFER LINE, AND RECEIVING CONTAINER. OPEN CONTAINERS SLO WLY TO RELEASE ANY INTERNAL PRESSURE.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE SHIELD IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Glo

ves: BUTYL RUBBER GLOVES ARE RECOMMENDED

Eye Protection: SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP AND WATER. SOILED CLOTHING SHOULD BE LAUNDERED BEFORE REUSE.

Supplemental Safety and Health

THIS PRODUCT HAS THE RCRA CHARACTERISTIC OF ACETONE, AND IF DISCARDED IN ITS PRESENT FORM, WOULD HAVE THE HAZARDOUS WASTE NUMBER OF U002.

UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER OF THE PRODUCT TO DETERMINE AT TIME OF DISPOSAL WHETHER THE PRODUCT MEETS RCRA CRITERIA FOR HAZARDOUS WASTE.

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

HCC:F2

Boiling Pt: B.P. Text: 134F, 57C

Melt/Freeze Pt: M.P/F.P Text: -137F, -94C

Vapor Pres: 157

Vapor Density: 2.0

Spec Gravity: 0.791

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

Solubility in Water: COMPLETE

Appearance and Odo

r: CLEAR, COLORLESS LIQUID. FRAGRANT, MINT-LIKE ODOR.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HEAT, SPARKS, FLAMES STATIC, OR OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products: TOXIC LEVELS OF CARBON MONOXIDE, CARBON DIOXIDE, IRRITATING ALDEHYDES AND KETONES.

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

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Waste Disposal Methods: BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE. DISPOSE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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