

MACARTHUR PETROLEUM & SOLVENT CO INC -- ACETONE -- 6810-00-184-4796

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Product Identification
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Product ID:ACETONE

MSDS Date:09/05/1985

FSC:6810

NIIN:00-184-4796

MSDS Number: BNMMQ

=== Responsible Party ===

Company Name:MACARTHUR PETROLEUM & SOLVENT CO INC

Address:126 PASSAIC STREET

City:NEWARK

State:NJ

ZIP:07104-3921

Country:US

Preparer's Name:DGSC-SSH

CAGE:3R483

=== Contractor Identifica

tion ===

Company Name:MACARTHUR PETROLEUM & SOLVENT CO INC

Address:126 PASSAIC STREET

City:NEWARK

State:NJ

ZIP:07104-3921

Country:US

Phone:800-482-4401/800-424-9300(CHEMTREC)

CAGE:3R483

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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 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 Identif

ication =====

LD50 LC50 Mixture:LD50 ORAL RAT=9750MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION, REDNESS,
PAIN. SKIN: IRRITATION,DEFATTING,REDNESS,PAIN,DRYING,CRACKING.
IRRITATION TO NOSE, THROAT,MUCOUS
MEMBRANES.DIZZINESS,DULLNESS,HEADACHE,NARCOTIC;INGESTION:
NARCOTIC.SA ME SYMPTOMS AS INHALATION. CHRONIC
EXPOSURE:PROLONGED/REPEATED
SKIN CONTACT MAY PRODUCE SEVERE
IRRITATION OR DERMATITIS.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:EYE/SKIN/MUCOUS MEMBRANE IRRITATION, EYE
REDNESS/PAIN, DEFATTING OF SKIN, DIZZINESS, DULLNESS, HEADACHE,
DERMATITIS.

Medical Cond Aggravated by Exposure:USE OF ALCOHOLIC BEVERAGES ENHANCES
TOXIC EFFECTS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED.
INGESTION: IF SWALLOWED, GIVE TWO GLASSES OF WATER & INDUCE
VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. SKIN/EYE EXPOSURE:
REMOVE CONTAMINATE D CLOTHING. WASH SKIN WITH SOAP AND WATER. FLUSH
SKIN/EYES WITH WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES.
GET MEDICAL HELP IMMEDIATLY.

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

Flash Point Method:CC

Flash Point:0F,-18C

Autoignition

Temp:Autoignition Temp Text:869F

Lower Limits:2.6 %

Upper Limits:12.8 %

Extinguishing Media:WATER, DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER
SPRAY TO KEEP EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:USE WATER TO COOL EXPOSED CONTAINERS. FIRE
FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL
PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE
EXPLOSIVE WITHIN FLAMMABLE LIMITS.

===== Accidental Release Me

asures =====

Spill Release Procedures:RMV SOURCES OF IGN.USE PROTCTV EQUIP/CLOTHG.
ISOLATE OR ENCLOSE LEAK/SPILL AREA.ABSORB SM SPILL W/COMM ABSORBNT
&PLACE IN CLOSED CONTNR.DIKE LG SPILL W/DRY SAND OR EARTH & RECOVER
LIQ FOR RECLAMATION WHEN POSSIBLE.SHOVEL ABSORBD SPILL INTOCOVRD
DRUM

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED

CONTAINERS,STORED IN COOL,DRY,VENTILATED AREA.PROTECT AGAINST
PHYSICAL DAMAGE.ISOLATE FM INCOMPATIBLE MATL,HEAT & SUNLIGHT,ETC.

Other Precautions:AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. USE
WITH ADEQUATE VENTILATION. DO NOT GET IN EYES, SKIN, OR ON
CLOTHING. FOR TRANSFERRING LIQUID, BOND & GROUND CONTAINERS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXOSURES BELOW PEL (TLV), USE
NIOSH/MSHA APPROVED RESPIRATOR AS PER
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR
SELECTION.

Ventilation:LOCAL EXHAUST TO MAINTAIN BELOW TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.REMOVE AND
LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

MSDS PREPARED BY DGSC-SSH FOR PRODUCT BOUGH

T ACCORDING TO

SPECIFICATION. COMPANY CONTACTED REPEATED AND PROMISED TO SUBMIT
MSDS. THIS ENTRY SHOULD BE REMOVED WHEN MSDS RECEIVED FROM
MANUFACTURER.

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

HCC:F2

Boiling Pt:B.P. Text:56.5C(134F)

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

Vapor Pres:400 @103F

Vapor Density:2.0

Spec Gravity:0.8

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

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS,VOLATILE

LIQUID.FRAGRANT,MINT-LIKE
ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, CHLOROFORM, ALKALIES, POTASSIUM T-BUTOXIDES, ACIDS.

Stability Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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