

HOME OIL -- ACETONE - ACETONE, TECHNICAL

MATERIAL SAFETY DATA SHEET

NSN: 6810002811864

Manufacturer's CAGE: 0A9L8

Part No. Indicator: A

Part Number/Trade Name: ACETONE

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General Information
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Item Name: ACETONE, TECHNICAL

Company's Name: HOME OIL CO

Company's Street: 3511 N OHIO

Company's P. O. Box: 2609

Company's City: WICHITA

Company's State: KS

Company's Country: US

Company's Zip Code: 67201

Company's Emerg Ph #: 316-838-4663

Company's Info Ph #: 316-838-4663 FAX:316-832-1211

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 010

Status: SE

Date MSDS Prepared: 16MAR90

Safety Data Review Date: 22APR93

Supply Item Manager: CX

MSDS Serial Number: BQMBF

Specification Number: O-A-51G

Hazard Characteristic Code: F2

Unit Of Issue: DR

Unit Of Issue Container Qty: 55 GAL

Type Of Container: DRUM

Net Unit Weight: 361.8 LBS

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Ingredients/Identity Information
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Proprietary: NO

Ingredient: ACETONE (SARA III)

Ingredient Sequence Number: 01

Percent: 100

NIOSH (RTECS) Number: AL3150000

CAS Number: 67-64-1

OSHA PEL: 1000PPM

ACGIH TLV: 750PPM/1000STEL;9293
Other Recommended Limit: NONE SPECIFIED

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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR COLORLESS LIQUID
Boiling Point: 134F,57C
Vapor Pressure (MM Hg/70 F): 157
Vapor Density (Air=1): 2.0
Specific Gravity: 0.791
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: 5.7 (NONE SPECIFIED)
Solubility In Water: SOLUBLE
Percent Volatiles By Volume: 100
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Flash Point: -4F,-20C
Lower Explosive Limit: 2.6
Upper Explosive Limit: 12.8
Extinguishing Media: USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Special Fire Fighting Proc: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire And Expl Hazrds: FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. EXPLOSIVE AIR-VAPOR MIXTURES MAY FORM.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: CARBON MONOXIDE AND CARBON DIOXIDE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT APPLICABLE

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Health Hazard Data
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LD50-LC50 Mixture: (ORAL-RAT)8.5-10.7 G/KG;ALMOST NON-TOXIC
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES

Route Of Entry - Ingestion: NO
SLIGHTLY IRRITATING. INHALATION:CENTRAL NERVOUS SYSTEM DEPRESSION.
DERMATITIS. INHALATION:CNS DEPRESSION. INGESTION:NOT A LIKELY ROUTE OF
ENTRY.

Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: THIS MATERIAL IS NOT CONSIDERED TO BE A
CARCINOGEN BY NTP, IARC, OR OSHA.

Signs/Symptoms Of Overexp: EYES:IRRITATION. SKIN:REDDNESS, EDEMA OR DRYING
OF THE SKIN. INHALATION:DROWSINESS, NARCOSIS, AND UNCONSCIOUSNESS.
INGESTION:NOT A LIKELY ROUTE OF ENTRY.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: EYES:FLUSH WITH WATER FOR AT LEAST 15 MIN. GET
MEDICAL ATTENTION. SKIN:WASH EXPOSED AREA WITH SOAP AND WATER.
INHALATION:REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NECESSARY.
INGESTION:DO NOT INDUCE VOMITING. ASPIRATION MAY CAUSE CHEMICAL PNEUMONIA.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: ELIMINATE ALL IGNITION SOURCES. VENTILATE
AREA. AVOID BREATHING VAPORS. USE SCBA OR SUPPLIED-AIR MASK FOR LARGE
SPILLS OR IN CONFINED AREAS. CONTAIN SPILL. REMOVE WITH INERT ABSORBANT.

Neutralizing Agent: NONE

Waste Disposal Method: RE-EVALUATION OF THE PRODUCT MAY BE REQUIRED BY THE
USER AT THE TIME OF DISPOSAL, SINCE THE PRODUCT USES, TRANSFORMATIONS,
MIXTURES, AND PROCESSES MAY CHANGE CLASSIFICATION TO NON-HAZARDOUS. DISPOSE
IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS.

Precautions-Handling/Storing: KEEP CONTAINERS TIGHTLY CLOSED AND IN A
COOL, DRY AREA.

Other Precautions: NONE

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Control Measures

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Respiratory Protection: SUPPLIED AIR RESPIRATORY PROTECTION FOR CLEANING
LARGE SPILLS OR UPON ENTRY INTO TANKS, VESSELS, OR OTHER CONFINED SPACES.

Ventilation: LOCAL EXHAUST VENTILATION RECOMMENDED.

Protective Gloves: RUBBER GLOVES

Eye Protection: CHEMICAL GOGGLES OR GLASSES

Other Protective Equipment: EYE WASH AND SHOWER

Work Hygienic Practices: EXERCISE REASONABLE PERSONNEL CLEANLINESS.

Suppl. Safety & Health Data: NONE

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Transportation Data
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Trans Data Review Date: 93112
DOT PSN Code: ABF
DOT Proper Shipping Name: ACETONE
DOT Class: 3
DOT ID Number: UN1090
DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: ADF
IMO Proper Shipping Name: ACETONE
IMO Regulations Page Number: 3102
IMO UN Number: 1090
IMO UN Class: 3.1
IMO Subsidiary Risk Label: -
IATA PSN Code: ACM
IATA UN ID Number: 1090
IATA Proper Shipping Name: ACETONE
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: ACM
AFI Prop. Shipping Name: ACETONE
AFI Class: 3
AFI ID Number: UN1090
AFI Pack Group: II
AFI Label: FLAMMABLE LIQUID
AFI Basic Pac Ref: 7-7
MMAC Code: NR

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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 22APR93
MFR Label Number: UNKNOWN
Label Status: F
Common Name: ACETONE
Chronic Hazard: NO
Signal Word: DANGER!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY IRRITATE OR BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION. CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION:NOT A LIKELY ROUTE OF ENTRY. CHRONIC-EYES:IRRITATION. SKIN:DERMATITIS. INHALATION:CNS DEPRESSION. INGESTION:NOT A LIKELY ROUTE OF ENTRY. ELIMINATE ALL I