

J.T.BAKER CHEMICAL CO -- ACETONE -- 6810-01-015-8437

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

Product ID:ACETONE

MSDS Date:01/05/1994

FSC:6810

NIIN:01-015-8437

MSDS Number: BGDPD

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:800-JTBAKER

Emergency Phone Num:(201) 859-2151/800-424-9300(CHEMTR)

CAGE:D

O870

=== Contractor Identification ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 90-100%

OSHA PEL:

1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 9750 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:INHALED:IRRITATION
NOSE,THROAT,HEADACHE,NAUSEA,VOMITING,DIZZINESS,NARCOSIS,RESPIRATORY
FAILURE,LOW BLOOD PRESSURE,CNS DEPRESSION,COMA.
SKIN:IRR
ITATION,POSSIBLE DERMATITIS &/OR ABSORPTION. EYE:SEVERE I
RRITATION,POSSIBLE TEMP CORNEAL DAMAGE.INGESTED:G/I
IRRITATION,HEADACHE,NAUSEA,CNS DEPRES. CHRONIC:LIVER/KIDNEY DAMAGE.
Explanation of Carcinogenicity:NONE IDENTIFIED
Effects of Overexposure:INHALED:IRRITATION
NOSE,THROAT,HEADACHE,NAUSEA,VOMITING,DIZZINESS,NARCOSIS,RESPIRATORY
FAILURE,LOW BLOOD PRESSURE,CNS DEPRESSION,COMA. SKIN:IRRITATION
POSSIBLE DERMATITIS. EYE:SEVERE IRRITATION,POSSIB LE TEMP CORNEAL
DAMAGE. IN
GESTED:G/I IRRITATION,HEADACHE,NAUSEA,DIZZINESS,CNS
DEPRESSION.
Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY DISEASE, SKIN
DISORDERS, EYE DISORDERS.

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

First Aid:IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.
EYE:FLUSH W/WATER 15 MIN. SKIN:FLUSH WITH WATER. INHALED:REMOVE TO
FRESH AIR. AID/RESTORE BREATHING IF NECESSARY. INGESTED:DO NOT
INDUCE VOMITIN G. GIVE LARGE AMOUNTS WATER. NOTHING B
Y MOUTH IF
UNCONSCIOUS. NOTE TO PHYSICIAN:ASPIRATION HAZARD! IF NECESSARY TO
EVACUATE STOMACH, USE METHOD LEAST LIKELY TO CAUSE ASPIRATION INTO
LUNGS.

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

Flash Point Method:CC
Flash Point:-2F,-18C
Lower Limits:2.2%
Upper Limits:13%
Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CO2. (WATER MAY
BE INEFFECTIVE).
Fire Fighting Procedures:WEAR PROPER PROTECTIVE EQUIPMENT AND SCBA
W/FULL FACEPIECE OPERATED

PRESSURE DEMAND MODE. USE WATER TO KEEP
FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL ALONG GROUND OR FLOOR, THEN 'FLASH BACK' FROM A DISTANT
IGNITION SOURCE. CONTACT W/STRONG OXIDIZERS MAY CAUSE FIRE.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. ELIMINATE
ALL IGNITION SOURCES. STOP LEAK IF POSSIBLE W/OUT RISK. USE H2O
SPRAY TO REDUCE V
APORS. TAKE UP W/SAND/OTHER NON-COMBUSTIBLE
ABSORBANT & PLACE INTO CONTAIN ER FOR DISPOSAL. FLUSH AREA W/WATER.
Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORE IN
COOL, DRY, WELL-VENTED, FLAMMABLE LIQUID STORAGE AREA. ISOLATE FROM
INCOMPATIBLE MATERIALS.
Other Precautions:BOND & GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

===== Exposure Cont
rols/Personal Protection =====

Respiratory Protection:RESPIRATORY PROTECTION REQUIRED ABOVE TLV: AT
CONCENTRATIONS UP TO 5000 PPM, CHEMICAL CARTRIDGE RESPIRATOR
W/ORGANIC VAPOR CARTRIDGE IS RECOMMENDED. ABOVE THIS LEVEL, AN SCBA
IS RECOMMENDED.

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

Protective Gloves:BUTYL RUBBER GLOVES.

Eye Protection:SAFETY (CHEMICAL SPLASH) GOGGLES

Other Protective Equipment:NO FURTHER EQUIPMENT GIVEN ON MSDS B
Y MFR.

Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE
PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING
OR DRINKING.

Supplemental Safety and Health
NONE

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

HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:133F,56C

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

Vapor Pres:184 MM

Vapor Density:2.0

Spec Gravity:0.79

Evaporation Rate & Reference:14.4 (BUTYL ACETATE=1)

Solubility in Water:COMPLET

E (100%)

Appearance and Odor: CLEAR, COLORLESS LIQUID. SWEET ODOR.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, STRONG ACIDS & BASES, HALOGEN COMPOUNDS, AMINES & AMMONIA,

Stability Condition to Avoid: HEAT, FLAME, OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products: CO, CO₂.

Conditions to Avoid Polymerization: WILL NOT OCCUR

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

Waste Disposal Methods: DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER: U002
HMIS SUGGESTS INCINERATION AS DISPOSAL METHOD.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.