

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

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Product Identification
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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

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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: 90-100%

OSHA PEL:

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

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===== Hazards Identification =====
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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.

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

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

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