

J T BAKER INC -- Q531, METHYL ETHYL KETONE -- 6810-00-472-7967

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Product Identification
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Product ID:Q531, METHYL ETHYL KETONE

MSDS Date:05/27/1988

FSC:6810

NIIN:00-472-7967

MSDS Number: BPNZV

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:908-859-2151;800

-424-9300(CHEMTREC)

CAGE:DO803

=== Contractor Identification ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:1-800-582-2537

CAGE:DO803

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:2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA III)

CAS:78-93-3

RTEC

S #:EL6475000
Fraction by Wt: 99-100%
OSHA PEL:200 PPM;300 STEL
ACGIH TLV:200 PPM;300 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT):2737 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:INHALATION OF VAPORS MAY CAUSE
HEADACHE, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, IRRITATION OF
RESPIRATORY TRACT AND UNCONSCIOUSNESS. CONTACT WITH SKIN OR EYES
MAY CAUSE IRRITATION. PROLONGED SKIN CONTACT MAY RESULT IN
DERMATITIS. EYE CONTACT MAY RESULT IN TEMPORARY CORNEAL DAMAGE.
INGESTION MAY (EFFECTS OF OVEREXPOSURE)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HEALTH HAZARD:CAUSE NAUSEA, VOMITING, HEADACHE,
DIZZINESS AND GI IRRITATION. INGESTION MAY CAUSE CNS DEPRESSION.
CHRONIC EFFECTS OF OVEREXPOSURE MAY INCLUDE CNS DEPRESSION. TARGET
ORGANS INCLUDE:
E: NASAL MUCOSA, LUNGS, EYES, SKIN, MUCOUS MEMBRANES.
IN ANIMALS:LIVER, KIDNEYS, LUNGS, SPLEEN AND BRAIN.
Medical Conditions Aggravated by Exposure:RESPIRATORY SYSTEM DISEASE, SKIN
DISORDERS.

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

First Aid:CALL A PHYSICIAN. INGEST:DO NOT INDUCE VOMITING. INHAL:REMOVE
TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF
BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN:FLUSH WITH WATER.
EYES:IMMEDIATELY FLUSH WITH
PLenty OF WATER FOR AT LEAST 15
MINUTES.

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

Flash Point Method:COC
Flash Point:19.4F,-7.0C
Lower Limits:1.8%
Upper Limits:11.4%
Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE.
WATER MAY BE INEFFECTIVE.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .
MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE WATER
TO KEEP FIRE-EXPOSED CONTAINERS COOL.
Unusual Fire/Explosion

sion Hazard:VAPS MAY FLOW ALONG SURF TO DISTANT IGNIT
SOURCES & FLASH BACK. CLSD CONTRS EXPOSED TO HEAT MAY EXPLODE.
CONTACT W/ STRONG OXIDIZERS MAY CAUSE FIRE.

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

Spill Release Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT CLTHG.
SHUT OFF IGNIT SOURCES; NO FLARES, SMOKING/FLAMES IN AREA. STOP
LEAK IF YOU CAN DO SO W/OUT RISK. USE WATER SPRAY TO REDUCE VAPS.
TAKE UP W/ SAND/OTHER N ON-COMBUST ABSORB MATL

& PLACE INTO CONTR
(SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:BOND & GROUND CONTRS WHEN TRANSFERRNG
LIQ. KEEP CONR TIGHTLY CLSD. STORE IN A COOL, DRY, WELL VENT, FLAMM
LIQ STORAGE AREAS.

Other Precautions:ISOLATE FROM INCOMPATIBLE MATERIALS. LAB TESTS
RESULTS INDICATE MATERIAL MAY BE TERATOGENIC. KEEP AWAY FROM HEAT,
SPARKS, FLAME. AVOID BREATHING VAPORS. AV

OID CONTACT WITH EYES,
SKIN AND CLOTHING.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESP PROT REQ IF AIRBORNE
CONC EXCEEDS TLV. AT CONC UP TO 1000 PPM, AN NIOSH/MSHA APPROVED
CHEM CARTRIDGE RESP W/ORGANIC VAP CARTRIDGE IS REC. ABOVE THIS
LEVEL, A NIOSH/MSHA APPROV ED SCBA IS REC.

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

Protective Gloves:BUTYL RUBBER GLOVES.

Eye Protec

tion:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:UNIFORM, APRON RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

SPILL PROC:FOR LATER DISPOSAL. FLUSH AREA WITH WATER. J.T. BAKER
SOLUSORB SOLVENT ABSORBENT IS RECOMMENDED.

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

HCC:F2

Boiling Pt:B.P. Text:176F,80C

Melt/Freeze Pt:M.P/F.P Text:-125F,-87C

Vapor Pres:78

Vapor Density:2.5

Spec Gravity:0.81 (H2O =1)

Evaporat

ion Rate & Reference:5.7 (BUTYL ACETATE = 1)

Solubility in Water:APPRECIABLE (>10%)

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH AN ACETONE-LIKE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG BASES, CAUSTICS, MINERAL ACIDS, AMINES
& AMMONIA, HALOGENS, PLASTICS, RUBBER.

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

Hazardous Dec

omposition Products:CO, CO2.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL,
STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EPA HAZ WASTE #U159
(TOXIC WASTE).

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