

J T BAKER -- METHANOL, 9073 -- 6810-01-365-9554

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Product Identification
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Product ID:METHANOL, 9073
MSDS Date:03/09/1992
FSC:6810
NIIN:01-365-9554
MSDS Number: BXFWL
=== Responsible Party ===
Company Name:J T BAKER
Address:222 RED SCHOOL LANE
City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Info Phone Num:201-859-2151
Emergency Phone Num:201-859-2151;800-424-9300(CHEMTREC)
CAGE:DO811

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Contractor Identification ===
Company Name:J T BAKER
Address:222 RED SCHOOL LANE
Box:City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Phone:908-859-2151
CAGE:DO811
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:METHYL ALCOHOL; (METHANOL) (SARA 313) (CERCLA)
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 90-100%
OSHA

PEL:200 PPM, S
ACGIH TLV:200 PPM;250 STEL, S
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) 5628 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:ACUTE:INHAL:IS HARMFUL & MAY BE FATAL.
HEADACHE, NAUSEA, VOMITING, DIZZINESS, NARCOSIS, RESPIRATORY
FAILURE, LOW BLOOD PRESSURE, CENTRAL NERVOUS
SYSTEM DEPRESSION.
SKIN:IRRITATION, PROLONGED CONTACT M AY CAUSE DERMATITIS. EYE
CONTACT:IRRITATION, MAY CAUSE TEMPORARY CORNEAL DAMAGE. INGEST:IS
HARMFUL & (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:MAY BE FATAL. BLINDNESS, HEADACHE,
NAUSEA, VOMITING, DIZZINESS, GASTROINTESTINAL IRRITATION, CENTRAL
NERVOUS SYSTEM DEPRESSION, HEARING LOSS. CHRONIC:KIDNEY/LIVER
DAMAGE. TARGET ORGANS:EYES, SKIN, CENTRAL NERVOUS SYSTEM, G
I
TRACT,RESPIRATORY SYSTEM, LUNGS.
Medical Cond Aggravated by Exposure:EYE DISORDERS, SKIN DISORDERS,
LIVER OR KIDNEY DISORDERS.

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===== First Aid Measures =====
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First Aid:INGEST:CALL MD. IF SWALLOWED, IF CONSCIOUS, GIVE LG AMTS OF
WATER. INDUCE VOMIT. INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE
ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYGEN. SKIN:IMMED FLUSH
W/PLENTY OF W ATER FOR AT LST 15 MINS WHILE REMOVING CONTAM CLTHG &
SHOES. WASH
CLTHG BEFORE RE-USE. EYE:IMMED FLUSH W/PLENTY OF WATER
FOR AT LST 15 MINS.

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===== Fire Fighting Measures =====
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Flash Point Method:CC
Flash Point:53.6F,12.0C
Lower Limits:6%
Upper Limits:36%
Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE.
(WATER MAY BE INEFFECTIVE.) USE CLASS B EXTINGUISHER.
Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .
MOVE CNTNRS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. USE WATER

TO KEEP FIRE-EXPOS CNTNRS COOL.

Unusual Fire/Explosion Hazard:VAPS MAY FLOW ALONG SURFS TO DIST IGNIT SOURCES & FLASH BACK. CLSD CNTNRS EXPOS TO HEAT MAY EXPLODE. CONT W/STRONG OXIDIZERS MAY CAUSE FIRE. BURNS W/ (SUPDAT)

===== 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 OR OTHER NON-COMBUST ABSORB MATL & PLACE INTO (SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA. BOND & GROUND CONTAINERS WHEN TRANSFERRING LIQ.

Other Precautions:HIGHLY FLAMM. HARMFUL IF INHALED. CANNOT BE MAKE NON-POIS. MAY BE FATAL

/CAUSE BLINDNESS IF SWALLOWED. KEEP AWAY FROM HEAT, SPKS, FLAME. DO NOT GET IN EYES, ON SKIN, ON CLTHG. AVOID BRTHG VAP. USE W/AD EQ VENT. KEEP OUT OF REACH OF (SUPDAT)

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS ABOVE 200 PPM, A NIOSH/MSHA APPROVED SCBA IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV

REQUIREMENTS. VENT HOOD.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS &(SUPDAT)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . UNIFORM, PROT SUIT, LAB COAT & APRON ARE REC.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLO HAZ:CLEAR, ALMOST INVISIBLE FLAME. SPILL PROC:CNTNR FOR LATER DISP. FLUSH AREA W/WATER. MFR'S SOLUSORB(R) SOLV ABSORB IS REC FOR

SPILLS OF THIS PROD. OTHER PREC:CHILDREN. KEEP AWAY FROM SOURCES OF IGNIT - NO SMOKING. EYES:FULL LENGTHFACESHIELD .

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

Boiling Pt:B.P. Text:149F,65C
Melt/Freeze Pt:M.P/F.P Text:-144F,-98C
Vapor Pres:96 @ 20C
Vapor Density:1.11
Spec Gravity:0.79 (H*2O=1)
Evaporation Rate & Reference:4.6 (BUTYL ACETATE=1)
Solubility in Water:COMPLETE (100%)
Appearance and Odor:CLEAR, COLORLESS LIQUID; PUNGENT ODOR.
Percent Volatiles b
y Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS, ZINC, ALUMINUM, MAGNESIUM.
Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
FORMALDEHYDE.

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

Waste Disposal Methods:DISPOSE I/AW ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRO
NMENTAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER:U154
(TOXIC WASTE).

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