

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY) -- METHANOL -- 6810-00-292-9676

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Product Identification
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Product ID:METHANOL

MSDS Date:10/08/1994

FSC:6810

NIIN:00-292-9676

MSDS Number: CDZTT

=== Responsible Party ===

Company Name:MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:800-582-2537 EX

T 6501

Emergency Phone Num:800-582-2537 EXT 6501

CAGE:EO303

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

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

Company Name:MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY)

Address:222 RED SCHOOL LANE

Box:NONE

City:PHILLIPSBURG
State:NJ
ZIP:08865-2219
Country:US
Phone:800-582-2537 EXT 6501/908-859-2151
CAGE:EO303

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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: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 200 PPM
ACGIH TLV:S,200PPM/250STEL; 96
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture
:ORAL LD50 (RAT) IS 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: INHALATION IS HARMFUL & MAY BE
FATAL, CNS DEPRESSION. CONTACT MAY CAUSE IRRITATION; MAY CAUSE
DERMATITIS, CORNEAL DAMAGE. INGESTION IS HARMFUL & MAY BE FATAL;
MAY CAUSE CNS DEPRESSION, GI TRACT IRRITATION, HEARING LOSS.
CHONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE KIDNEY AND/OR LIVER
DAMAGE.

Expla
nation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALED-HEADACHE, NAUSEA, VOMITING, DIZZINESS,
NARCOSIS, RESPIRATORY FAILURE, LOW BLOOD PRESSURE, CNS DEPRESSION.
EYES-IRRITATION, CORNEAL DAMAGE. SKIN-IRRITATION, DERMATITIS.
INGESTED-BLINDNESS, HEAD ACHE, NAUSEA, VOMITING, DIZZINESS, GI
TRACT IRRITATION, CNS DEPRESSION, HEARING LOSS.
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:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RE SPIRATION AS NEEDED. INGESTED-CALL A PHYSICIAN. INDUCE VOMITING.

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Fire Fighting Measures
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Flash Point

Method:CC

Flash Point:53.6F,12.0C

Autoignition Temp:Autoignition Temp Text:867F

Lower Limits:6.0

Upper Limits:36.0

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES & FLASH BACK. CLOSED CONTAINERS MAY EXPLODE IF

EXPOSED TO HEAT. BURNS WITH CLEAR, INVISIBLE FLAME.

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Accidental Release Measures
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Spill Release Procedures:WEAR SCBA & FULL PROTECTIVE GEAR. ELIMINATE ALL SOURCES OF IGNITION. STOP LEAK IF CAN BE DONE AT NO RISK. USE WATER SPRAY TO DISPERSE VAPORS. ABSORB WITH INERT MATERIAL & PLACE IN A CONTAINER FOR LATE R DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handl

ing and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED FLAMMABLE LIQUID STORAGE AREA. KEEP CONTAINER CLOSED.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ven

tilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES & FACE SHIELD.

Other Protective Equipment:UNIFORM OR PROTETCIVE SUIT. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F5

Boiling Pt:B.P. Text:149F,65C

Melt/Freeze Pt:M.P/F.P Text:-144F,-98C

Vapor Pres:96

Vapor Density:1.11

Spec Gravity:0.79

Evaporation Rate & Reference:4.6 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID; PUNGENT ODOR.

Percent Volatiles by 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 AND CARBON DIOXIDE, FORMALDEHYDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EPA/RCRA HAZWASTE NUMBER U154 MAY APPLY TO PRODUCT AS PURCHASED.

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ith this information by the compiling agencies):

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