

MALLINKRODT-BAKER (FORMALLY J.T. BAKER COMPANY) -- DICHLOROMETHANE --  
6810-00-244-0290

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

Product ID:DICHLOROMETHANE

MSDS Date:03/01/1997

FSC:6810

NIIN:00-244-0290

MSDS Number: CFYCX

=== 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:8

00-582-2537 EXT 6501

Emergency Phone Num:800-582-2537 EXT 6501

Preparer's Name:NOT KNOWN

CAGE:EO303

=== Contractor Identification ===

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

Company Name:P

HOENIX INDUSTRIES INC  
Address:1519 CHAMBERLAYNE PARKWAY  
Box:City:RICHMOND  
State:VA  
ZIP:23222  
Country:US  
Phone:804-264-5183/FAX: 264-5535  
CAGE:0YED2

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

Ingred Name:METHYLENE CHLORIDE (SARA 313) (CERCLA)  
CAS:75-09-2  
RTECS #:PA8050000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM; Z-2  
ACGIH TLV:50 PPM, A2; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====  
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 2524 MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- INHALATION MAY CAUSE LIVER  
INJURY, BLOOD DISORDERS, NARCOSIS, MENTAL CONFUSION, CNS  
DEPRESSION, UNCONSCIOUSNESS & DEATH. CAN BE ABSORBED & CAUSE  
SYMPTOMS SIMILAR TO INHALATION, IF INGESTED. MAY BE ABSORBED  
THROUGH SKIN. CONTACT WITHEYES MAY CAUSE PAIN & INFLAMMAT  
ION.  
CHRONIC- CAUSES DERMATITIS & CNS DEPRESSION.  
Explanation of Carcinogenicity:THE AGENT IS POSSIBLY CARCINOGENIC TO  
HUMAN.  
Effects of Overexposure:EYES, SKIN AND RESPIRATORY TRACT IRRITATION,  
NAUSEA, VOMITING, HEADACHES, EYE AND SKIN REDNESS AND PAIN.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS OR EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY, CARDIOVASCULAR  
OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF  
THE SUBSTANCE.

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First Aid Measures  
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First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, INDUCE VOMITING BY DRINKING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Fire Fighting Measures  
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Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:>1033F

Lower Limits:12 IN OXYGEN

Upper Limits:19 IN OXYGEN

Extinguishing Media:CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:

FORMS EXPLOSIVE MIXTURES IN HIGH OXYGEN

CONTENT ATMOSPHERE, IN LIQUID OXYGEN, NITROGEN DIOXIDE. VAPORS>AIR CAN TRAVEL TO DISTANCE IGNITION SOURCE AND FLASH BACK

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Accidental Release Measures  
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Spill Release Procedures:EVACUATE PERSONNEL. WEAR PROPER PROTECTIVE CLOTHING AND EQUIPMENTS. VENTILATE AREA. STOP LEAK IF POSSIBLE. CONTAIN SPILL. ABSORB WITH VERMICULITE, DRY SAND OR SIMILAR MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER

. DO NOT FLUSH TO SEWER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:UNDER NORMAL CONDITIONS, STORE IN GALVANIZED IRON, BLACK IRON OR STEEL. ALUMINUM IS NOT RECOMMENDED. OUTSIDE/DETACHED GARAGE IS RECOMMENDED. ISOLATE FROM SOURCE OF HEAT

T OR IGNITION.

SHOWER, CHANGE TO CLEAN GARMENTS AT THE END OF THE DAY.

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

Respiratory Protection:IF THE TLV IS EXCEEDED, WEAR A NIOSH-APPROVED SUPPLIED AIR, FULL-FACEPIECE RESPIRATOR, AIRLINE HOOD OR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST AND/OR MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO KEEP CONCENTRATIONS BELOW OSHA PEL.

Protective Gloves:PVA.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS NEEDED TO PREVENT PROLONGED/REPEATED SKIN CONTACT, EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES, SKIN OR CLOTHING. DO NOT BREATHE VAPORS. DO NOT WEAR CONTACT LENSES WHILE WORKING WITH MATERIAL

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:T4

Boiling Pt:B.P. Text:104F,40C

Melt/Freeze Pt:M.P/F.P Text:-14

2F,-97C

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:400

Vapor Density:2.9

Spec Gravity:1.33

Viscosity:NOT KNOWN

Evaporation Rate & Reference:27.5 (N-BUTYL ACETATE=1)

Solubility in Water:1.32 G%

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH A CHLOROFORM-LIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS AND CAUSTICS. CHEMICALLY ACTIVE METALS SUCH AS ALUMINUM & MAGNE

SIUM POWDERS, SODIUM, POTASSIUM, LITHIUM

Stability Condition to Avoid: STABLE UNDER ORDINARY CONDITIONS OF USE

AND STORAGE. AVOID CONTACT WITH OPEN FLAMES AND ELECTRICAL ARCS.

Hazardous Decomposition Products: EMITS HIGHLY TOXIC GAS OF PHOSGEN WHEN HEATED TO DECOMPOSITION. CONTACT WITH HOT SURFACE/FLAME MAY FORM PHOSGENE AND HCL

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

Waste Disposal Methods: COLLECT AS HAZARDOUS WASTE AND ATOMIZE IN A SUITABLE RCRA APPR

OVED COMBUSTION CHAMBER. DISPOSE OF IN FULL COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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