

J T BAKER INC -- 9083, 2-PROPANOL -- 6810-00-853-8751

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

Product ID:9083, 2-PROPANOL

MSDS Date:04/10/1990

FSC:6810

NIIN:00-853-8751

MSDS Number: BPHNM

=== 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

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

Ingred Name:ISOPROPYL ALCOHOL; (2-PROPANOL)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 99-100%

OSHA PEL:400 PPM;500 STEL  
ACGIH TLV:400 PPM;500 STEL

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

LD50 LC50 Mixture:LD50: (ORAL,RAT) 5840 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:IRRIT OF NOSE & THROAT,  
HDCH, NAUSEA, DIZZ, DROWSINESS, IRRIT OF UPPER RESP TRACT,  
NARCOSIS, CNS DEPRESSION, DFCLT BRTHG, PULM EDEMA, UNCON. SKIN:  
IRRIT PRLNGD CNT  
CT MAY CAUSE DERMATITIS. EYE: IRRIT, MAY CAUSE  
CORNEAL DAMAGE. SKIN ABSORP: RAPID ABSORPTION. INGEST: HDCH,  
NAUSEA, VOMIT, (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ: DIZZINESS, GI IRRITATION, NARCOSIS,  
CENTRAL NERVOUS SYSTEM DEPRESSION, UNCONSCIOUSNESS. CHRONIC: NONE  
IDENTIFIED. TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM, LUNGS,  
CNS.  
Medical Cond Aggravated by Exposure:SKIN DISORDERS, EYE DISORDERS,  
RESPIRATORY SYST  
EM DISEASE.

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

First Aid:INGEST:CALL MD. IF CONSCIOUS, GIVE LRG AMTS OF H\*2O. INDUCE  
VOMIT. INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF  
BRTHG IS DFCLT, GIVE O\*2. SKIN:IMMED FLUSH SKIN W/PLENTY OF H\*2O  
FOR @ LS T 15 MIN WHILE REMOVING CONTAM CLTHG & SHOES. WASH CLTHG  
BEFORE RE-USE. EYE:IMMED FLUSH W/PLENTY OF H\*2O FOR @ LST 15 MIN.  
MED SURVEILLANCE:PROVIDE PREPLACEMENT & PERIODIC EXAM W/EMPHASI  
S  
(SUPP DATA)

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

Flash Point Method:CC  
Flash Point:53.0F,11.7C  
Lower Limits:2 %  
Upper Limits:12 %  
Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CO\*2. CLASS B  
EXTINGUISHER. (WATER MAY BE INEFFECTIVE).  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.  
MOVE CNTNRS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE H\*2O  
TO KEEP FIRE-EXPOSED CNTNRS COOL.  
Unusual Fire/Explosion Hazard:VAPS

MAY FLOW ALONG SURF TO DISTANT  
IGNITION SOURCES & FLASH BACK. CLSD CNTNRS EXPOSED TO HEAT MAY  
EXPLODE. CNTCT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

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

Spill Release Procedures:WEAR SUITABLE PROT CLTHG. SHUT OFF IGNIT  
SOURCES; NO FLARES, SMOKING/FLAMES IN AREA. STOP LEAK IF YOU CAN DO  
SO WITHOUT RISK. USE H\*2O SPRAY TO REDUCE VAPS. TAKE UP  
W/SAND/OTHER NON-COMBUST ABSORB MAT L & PLACE INTO CNTNR FOR LATER  
D

ISP. (SUPP DATA)

Neutralizing Agent:JT BAKER SOLUSORB SOLVENT ADSORBENT IS RECOMMENDED  
FOR SPILLS.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE  
IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA. DO  
NOT STORE NEAR OXIDIZING MATERIALS.

Other Precautions:BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID.  
HIGHLY FLAMMABLE. KEEP AWAY FROM SOURCES OF IGNITION-NO SMOKING.  
AV

OID CNTCT W/EYES, SKIN, CLOTHING. AVOID BREATHING VAPOR.USE WITH  
ADEQUATE VENTIL ATION.

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

Respiratory Protection:RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONC  
EXCEEDS TLV. AT CONC UP TO 1000 PPM, NIOSH/MSHA APPROVED CHEMICAL  
CARTRIDGE RESP W/ORGANIC VAPOR CARTRIDGE IS RECOMMENDED. ABOVE THIS  
LEVEL, A NIOSH/MS HA APPROVED SCBA IS RECOMMENDED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV

REQUIREMENTS. VENT HOOD.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:UNIFORMS, APRON, & LAB COAT ARE RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MATLS TO AVOID: AMINES & AMMONIA, ALDEHYDES. FIRST AID PROC: ON SKIN,  
SINUSES, AND RESPIRATORY SYSTEM. SPILL PROC: FLUSH AREA WITH WATER.  
DO NOT ALLOW SPILL TO ENTER DRAINS OR SEWER SYSTEM.

===== Physical/Chemical Pr

operties =====

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-128F,-89C

Vapor Pres:33 @ 20C

Vapor Density:2.1

Spec Gravity:0.79 (H\*2O=1)

Evaporation Rate & Reference:2.5 (BUTYL ACETATE=1)

Solubility in Water:COMPLETE 100 %

Appearance and Odor:CLEAR, COLORLESS LIQUID. ALCOHOL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ALUMINUM, STRONG

ACIDS, NITRIC ACID, SULFURIC

ACID, HALOGENS, ACTIVE HALOGEN CMPNDS,(SUPP DATA)

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

Hazardous Decomposition Products:CO, CO\*2.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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