

J T BAKER INC -- 9084, 2-PROPANOL -- 6810-00-300-6123

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

Product ID:9084, 2-PROPANOL

MSDS Date:04/10/1990

FSC:6810

NIIN:00-300-6123

MSDS Number: BPHKY

=== 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:201-859-2151;800-424-9300(CHEMTR
EC)

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;(ISOPROPANOL) (SARA III)

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:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:IRRITATION OF NOSE AND THROAT,
HEADACHE, NAUSEA, DIZZINESS, DROWSINESS, IRRITATION OF UPPER
RESIRATORY TRACT, NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION,
DIF
FICULT BREATHING, PULMONARY EDEMA, U NCONSCIOUSNESS.
SKIN:IRRITATION, PROLONGED CONTACT MAY CAUSE DERMATITIS. RAPID
ABSORPTION. EYE:(EFTS OF OVEREXPOSURE)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ:IRRITATION, MAY CAUSE CORNEAL DAMAGE.
INGEST:HEADACHE, NAUSEA, VOMITING, DIZZINESS, GASTROINTESTINAL
IRRITATION, NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION,
UNCONSCIOUSNESS. CHRONIC:NONE IDE NTIFIED. TARGET ORGANS:EYE, SKIN,
RESPIRATORY SYSTE
M, LUNGS, CNS.
Medical Cond Aggravated by Exposure:SKIN DISORDERS, EYE DISORDERS,
RESPIRATORY SYSTEM DISEASE.

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

First Aid:INGEST:CALL MD. IF SWALLOWED, IF CONSCIOUS, GIVE LARGE
AMOUNTS OF WATER. INDUCE VOMITING. INHAL:MOVE TO FRESH AIR. IF NOT
BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT,
GIVE OXYGEN. S KIN:IMMEDIATELY FLUSH W/PLENTY OF WATERFOR AT LEAST
15 MINUTES WHILE REMOVING CONTAM CLT
HG/SHOES. WASH CLTHG BEFORE
REUSE. EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15
MINUTES.

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

Flash Point Method:CC
Flash Point:51.8F,11.0C
Lower Limits:2%
Upper Limits:12%
Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE.
WATER MAY BE INEFFECTIVE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.
MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. U

SE

WATER TO KEEP FIRE EXPOSED CNTNRS COOL.

Unusual Fire/Explosion Hazard:VAPS MAY FLOW ALONG SURFS TO DISTANT IGNIT SOURCES & FLASH BACK. CLSD CNTNRS EXPOSED TO HEAT MAY EXPLODE. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

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

Spill Release Procedures:WEAR SUITABLE PROT CLTHG. SHUT OFF IGNIT SOURCES; NO FLARES, SMKNG, OR FLAMES IN AREA. STOP LEAK IF YOU CAN DO SO W/OUT RISK. USE WATER SPRAY TO REDUCE VAPS. TA

KE UP W/SAND OR

OTHER NON-COMBUST ABSORB MATL & PLACE IN CNTNR FOR LATER DISP. (SUPP DATA)

Neutralizing Agent:J.T. BAKER SOLUSORB SOLVENT ABSORBENT IS RECOMMENDED FOR SPILLS.

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

Handling and Storage Precautions:KEEP CNTNR CLOSED. STORE IN COOL, DRY, WELL-VENT, FLAMM LIQUID STORAGE AREA. DO NOT STORE NEAR OXIDIZING MATLS. KEEP AWAY FROM HEAT/SPARKS/FLAME.

Other Precautions:BOND AND GROUND ALL CONTAINERS WHEN T RANSFERRING

LIQUID. AVOID CONTACT W/EYES, SKIN, CLOTHING. KEEP IN TIGHTLY CLOSED CONTAINER. USE WITH ADEQUATE VENTILATION. AVOID BRTHG VAP. PROVIDE PREPLACEMENT & PERIODIC MEDICAL EXAMS WITH (SUPP DATA)

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

Respiratory Protection:ALL RESPS MUST BE NIOSH/MSHA APPRVD. RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS UP TO 1000 PPM, CHEMICAL CARTRIDGE RESP W/ORGANIC VAP

OR CARTRIDGE IS REC. ABOVE THIS LEVEL, A 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:UNIFORM AND APRON, LAB COAT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MATLS TO AVOID:AMINES AND AMMONIA, ALDEHYDES. SPILL PROC:FLUSH AREA WITH WATER. DO NOT ALLOW SPILL TO ENTER DRAINS OR S

EWER SYSTEM.

OTHER PREC:EMPHASIS ON SKIN, SINUSES AND RESPIRATORY SYSTEM.

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

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 WITH 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 CMPDS, (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 REG
ULATIONS.

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