

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(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;(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,
DIFFIC
ULT 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 SYSTEM,
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 CLTHG/
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. USE

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. TAKE 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 TRAN SFERRING

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 VAPOR

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 SEWE

R 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 REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.