

J.T. BAKER COMPANY -- 9095 2-PROPANOL -- 6810-00-300-6123

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

Product ID:9095 2-PROPANOL

MSDS Date:01/04/1994

FSC:6810

NIIN:00-300-6123

MSDS Number: CCLRB

=== Responsible Party ===

Company Name:J.T. BAKER COMPANY

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:908-859-2151

Emergency Phone Num:908-859-2151/800-424-9300(

CHEMTREC)

CAGE:70829

=== 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

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 99-100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

===== Hazards Identification

=====

LD50 LC50 Mixture:ORAL RAT LD50: 5840MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:IRRIT

NOSE/THROAT,HEADACHE,NAU,DIZZ,DROWS,IRRIT OF UPPER RESP

TRACT,NARCOSIS,CNS DEPRESS,DIFFI BREATH,PULM

EDEMA,UNCONSC.SKIN:IRRIT,PROL CONTACT MAY CAUSE DERM.EYE:IRRIT,MAY

CAUSE CORNEAL DMG.SK IN ABSORPTION:RAPID

ABSORPTION.INGEST:HEAD,NAU,VOMIT,DIZZ,GI IRRIT,NA

RCOSIS,CNS

DEPRESS,UNCONSC.CHRONIC:NONE ID.

Explanation of Carcinogenicity:PER

MSDS:CARCINOGENICITY:LNTN/IARC/ZLIST/OSHA:NO.NONE IDENTIFIED.

Effects of Overexposure:IRRIT

NOSE/THROAT,HEADACHE,NAUI,DIZZINESS,DROWSINESS,IRRIT OF UPPER RESP

TRACT,NARCOSIS,CNS DEPRESSION,DIFFICULTY IN BREATHING,PULM

EDEMA,UNCONSCIOUSNESS.SKIN IRRIT,DERMATITIS.IRRIT EYE,CORNEAL

DMG.RA PID SKIN ABSORPTION.

Medical Cond Aggravated by Exposure:SKIN DISORDERS, EYE DISORDERS,

RESPIRATORY SYSTEM

DISEASE. TARGET

ORGANS:EYES,SKIN,RESPIRATORY,LUNGS,CENTRAL NERVOUS SYSTEM.

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

First Aid:INGEST:CALL DR.CONSC GIVE LG AMTS OF WATER.INDUCE

VOMITING.INHAL:REMOVE TO FRESH AIR.NOT BREATH GIVE ART

RESP.DIFFICULT BREATH GIVE OXY.PROMPT ACTION IS

ESSENTIAL.SKIN:IMMED FLUSH W/PLENTY OF WATER FO R @LEAST 15MINS

WHILE REMOVING CONTAMINCLOTH/SHOES.EYE:IMMED FLUSH W/PLENTY OF

WATER FOR @LEAST 15MINS. MED SURVEILLAN

CE:PROVIDE

PREPLACEMENT/PERIODIC MED EXAMS W/EMPHASIS ON SKIN/SINUSES,RESP

SYS.

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

Flash Point Method:CC

Flash Point:51.8F,11.0C

Autoignition Temp:Autoignition Temp Text:398C

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:USE ALCOHL FOAM,DRY CHEMICAL OR CARBON

DIOXIDE.(WATER MAY BE INEFFECTIVE).

Fire Fighting Procedures:WEAR PROPER PROTECTIVE EQPMT & SCBA W/FULL

FACEPC OPERATED IN +PRESSURE MODE.MOVE CNTN

R FROM FIRE AREA W/O

RISK.USE WATER TO KEEP FIRE-EXPO CNTNR COLL.

Unusual Fire/Explosion Hazard:VAP MAY FLOW ALONG SURFACE TO DISTANT IGN SOURCES-FLASHBACK.CLSD CNTNR EXPO TO HEAT MAY EXPLODE.CONTACT W/STRONG OXIDIZERS MAY CAUSE FIRE.

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

Spill Release Procedures:WEAR SUITABLE PROT CLOTH.SHUT OFF IGN SOURCES.NO FLARE/SMOKING/FLAME IN AREA.STOP LEAK W/O RISK.USE H2OSPRAY TO REDUCE VAP.TAKE UP W/SAND/OTHER NON-CO

MBUST ABSORBENT

MATL.PLACE IN CNTNR FOR LATER DISP O.FLUSH AREA W/H2O.DON'T ALLOW TO ENTERDRAIN/SEWR

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:SAF-T-DATA STORAGE

CODE:RED(FLAMM).KEEP CNTNR TIGHTLY CLOSED.STORE IN COOL DRY WELL VENTI FLAMM LIQ STORAGE AREA.DO NOT STORE NEAR OXIDIZING MATLS.

Other Precautions:BOND/GROUND CNTNRS WHEN TRANSFERRING LIQ.

===== Expos  
ure Controls/Personal Protection =====

Respiratory Protection:RESP PROTECTION REQURIED IF AIRBORNE CONCEN EXCEEDS TLV.@CONCEN UP TO 1000PPM A CHEM CARTRIDGE RESP W/ORGANIC VAP CARTRIDGE RECOMMENDED.ABOVE THIS LEVEL SELF-CONTAINED BREATHING APPARATUS IF RECOMMEND ED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQMTS.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:UNIFORM,APRON.

Work Hygienic Practices:WA

SH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=82.C, 179.6F

Melt/Freeze Pt:=-89.C, -128.2F

Decomp Temp:Decomp Text:NP

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.79

pH:NA

Viscosity:NP

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

Solubility in Water:COMPLETE, 100%

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

Percent Volatiles by Volume:100

Corrosion Rate:N

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, AL, STRONG ACIDS, NITRIC ACID, SULFURIC ACID, HALOGENS, ACTIVE HALOGEN COMPOUNDS, AMINES, AMMONIA, ALDEHYDES

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

Hazardous Decomposition Products: CO, CO<sub>2</sub>.

## ===== Disposal Considerations =====

Waste Disposal Methods: CONTAINS ISOPROPYL ALCOHOL: SARA 313 TOXIC CHEM. JT  
BKA

ADSORBENT RECOMMENDED FOR SPILL. DISPOSE IN  
ALL APPLICABLE FEDERAL/STATE/LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS WASTE #: D001.

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