

8-30-05

J T BAKER -- 9080 ISOPROPYL ALCOHOL - ISOPROPYL ALCOHOL, ACS
MATERIAL SAFETY DATA SHEET
NSN: 6810008227637
Manufacturer's CAGE: 70829
Part No. Indicator: A
Part Number/Trade Name: 9080 ISOPROPYL ALCOHOL

=====

General Information

Item Name: ISOPROPYL ALCOHOL, ACS
Company's Name: J.T.BAKER INC.
Company's Street: 222 RED SCHOOL LANE
Company's City: PHILLIPSBURG
Company's State: NJ
Company's Country: US
Company's Zip Code: 08865-2219
Company's Emerg Ph #: 908-859-2151/800-424-9300 (CHEMTREC)
Company's Info Ph #: 908-859-2151
Distributor/Vendor # 1: CHEMICAL COMMODITIES AGENCY
Distributor/Vendor # 1 Cage: 60777
Record No. For Safety Entry: 009
Tot Safety Entries This Stk#: 013
Status: SE
Date MSDS Prepared: 26JUN94
Safety Data Review Date: 21JUL94
Supply Item Manager: CX
MSDS Serial Number: BTRPM
Specification Number: 0-C-265
Spec Type, Grade, Class: UNKNOWN
Hazard Characteristic Code: F3
Unit Of Issue: PT
Unit Of Issue Container Qty: 32 OUNCES
Type Of Container: GLASS/PLASTIC
Net Unit Weight: 0.8 LBS

=====

Ingredients/Identity Information

Proprietary: NO
Ingredient: ISOPROPYL ALCOHOL (SARA III); [2-PROPANOL] [ISOPROPANOL]
[SEC-PROPANOL] [DIMETHYLCARBINOL]
Ingredient Sequence Number: 01
Percent: 100
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM/500STEL;9394
Other Recommended Limit: NONE RECOMMENDED

=====

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS LIQUID; ALCOHOL ODOR
Boiling Point: 180F,82C
Melting Point: 129F,54C
Vapor Pressure (MM Hg/70 F): 40MMHG@24C
Vapor Density (Air=1): 2.1
Specific Gravity: 0.7855
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: 2.68 (N-BUTYL ACETATE=1)
Solubility In Water: APPRECIABLE
Corrosion Rate (IPY): UNKNOWN

=====

Fire and Explosion Hazard Data

Flash Point: 33.0F,0.6C
Flash Point Method: CC
Lower Explosive Limit: 2.67%
Upper Explosive Limit: 12.7%

Extinguishing Media: USE WATER SPRAY, CARBON DIOXIDE, ALCOHOL-RESISTANT FOAM, OR DRY CHEMICAL.

Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire And Expl Hazrds: VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES & FLASH BACK. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE. CONTACT W/STRONG OXIDIZERS MAY CAUSE FIRE.

=====
Reactivity Data
=====

Stability: YES

Cond To Avoid (Stability): HEAT, SPARKS, OPEN FLAME.

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS, SULFRIC ACID, HALOGENS, ACTIVE HALOGEN COMPOUNDS, ALDEHYDES, AMINE & AMMONIA, NITRIC ACID

Hazardous Decomp Products: CARBON MONOXIDE AND CARBON DIOXIDE

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT APPLICABLE
=====

Health Hazard Data
=====

LD50-LC50 Mixture: ORAL LD50 (RAT) = 5840 MG/KG

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: ACUTE: INHALATION MAY CAUSE IRRITATION OF NOSE, THROAT, & UPPER RESPIRATORY TRACT, CNS DEPRESSION, PULMONARY EDEMA.

CONTACT WITH & EYES MAY CAUSE IRRITATION; CORNEAL DAMAGE. INGESTION MAY CAUSE GI TRACT IRRITATION & CNS DEPRESSION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE DERMATITIS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: THIS CHEMICAL IS NOT LISTED AS HAVING ANY EVIDENCE OF BEING CARCINOGENIC.

Signs/Symptoms Of Overexp: INHALED: HEADACHE, NAUSEA, DIZZINESS, IRRITATION. EYES: IRRITATION. INGESTED: HEADACHE, NAUSEA, VOMITING, DIZZINESS, NARCOSIS, UNCONSCIOUSNESS.

Med Cond Aggravated By Exp: SKIN DISORDERS, EYE DISORDERS, RESPIRATORY SYSTEM DISEASE.

Emergency/First Aid Proc: SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION AS REQUIRED. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. GET PROMPT MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR GET PROMPT MEDICAL ATTENTION. DO NOT INDUCE VOMITING.
=====

Precautions for Safe Handling and Use
=====

Steps If Matl Released/Spill: WEAR PROPER PROTECTIVE CLOTHING. ELIMINATE ALL SOURCES OF IGNITION. STOP LEAK IF CAN BE DONE AT NO RISK. USE WATER SPRAY TO REDUCE VAPORS. ABSORB WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT AND PLACE IN CONTAINER FOR DISPOSAL. FLUSH AREA W/WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. EPA/RCRA HAZARDOUS WASTE NUMBER D001 (IGNITABLE WASTE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

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

Other Precautions: BOND & GROUND CONTAINERS WHEN TRANSFERRING LIQUID.
=====

Control Measures
=====

Respiratory Protection: RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS ABOVE 1000 PPM, A CHEMICAL REPIRATOR WITH ORGANIC VAPOR CARTRIDGE IS RECOMMENDED. ABOVE THIS LEVEL, SCBA IS RECOMMENDED. USE IAW 29 CFR 1910.134.

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

Protective Gloves: NEOPRENE GLOVES.

Eye Protection: CHEMICAL SPLASH GOGGLES &/OR FACESHIELD

Other Protective Equipment: UNIFORM, APRON. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Suppl. Safety & Health Data: MSDS PROVIDED BY VENDOR (& WRITTEN BY VENDOR) UNDER CONTRACT NUMBER DLA CONTRACT NUMBER SP0450-94-M-Z575 WAS OF POOR QUALITY & HAD SEVERAL ERRORS- RECEIVED ACTUAL JT BAKER MSDS & USED THAT AS INFO FOR HMIS RECORD.

=====
Transportation Data
=====

Trans Data Review Date: 94203
DOT PSN Code: HWY
DOT Proper Shipping Name: ISOPROPANOL OR ISOPROPYL ALCOHOL
DOT Class: 3
DOT ID Number: UN1219
DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: ITK
IMO Proper Shipping Name: ISOPROPYL ALCOHOL
IMO Regulations Page Number: 3244
IMO UN Number: 1219
IMO UN Class: 3.2
IMO Subsidiary Risk Label: -
IATA PSN Code: ONH
IATA UN ID Number: 1219
IATA Proper Shipping Name: ISOPROPANOL
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: ONH
AFI Prop. Shipping Name: ISOPROPANOL
AFI Class: 3
AFI ID Number: UN1219
AFI Pack Group: II
AFI Basic Pac Ref: 7-7
Additional Trans Data: PER SAMMS-CTDF: CONTAINER SHALL CONFORM TO UN CERTIFIED IP1 OR IP2 GLASS OR PLASTIC BOTTLE. PACKAGE IN A UN CERTIFIED 4G FIBERBOARD BOX WITH ABSORBENT IF REQUIRED.MARK IAW ALL UN REQUIREMENTS.

=====
Disposal Data
=====

=====
Label Data
=====

Label Required: YES
Technical Review Date: 22JUL94
Label Status: G
Common Name: 9080 ISOPROPYL ALCOHOL
Chronic Hazard: NO
Signal Word: DANGER!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: EXTREMELY FLAMMABLE! CAUSES IRRITATION.MAY CAUSE EYE DAMAGE.HARMFUL IF INHALED OR SWALLOWED.MAY HARMFUL IF ABSORBED THROUGH SKIN.KEEP IN TIGHTLY CLOSED CONTAINER.USE WITH ADEQUATE VENTILATION.TARGET ORGANS-EYES,SKIN,RESPIRATORY SYSTEM,LUNGS,CNS. FIRST AID:SKIN-REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP & WATER.GET MEDICAL ATTENTION AS REQUIRED.INHALATION-IMMEDIATELY REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED.GET PROMPT MEDICAL ATTENTION.EYE-IMMEDIATELY FLUSH WITH WATER FOR 20 MINUTES WITH EYELIDS HELD OPEN.GET PROMPT MEDICAL ATTENTION.INGESTION-GET PROMPT MEDICAL ATTENTION.DO

NOT INDUCE VOMITING.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: CHEMICAL COMMODITIES AGENCY

Label Street: 27447 PACIFIC STREET

Label City: HIGHLAND

Label State: CA

Label Zip Code: 92346-2640

Label Country: US

Label Emergency Number: 714-864-2310

Year Procured: 1994

Return to chemical



Temarry Products & Services

ALL CHEMICAL PRODUCTS MAY BE HAZARDOUS IF IMPROPERLY USED, HANDLED OR STORED. ALWAYS ENSURE THAT YOU HAVE CONSULTED THE LATEST MATERIAL SAFETY DATA SHEET (MSDS) FOR ANY CHEMICAL PRODUCT BEFORE USING, HANDLING OR STORING A CHEMICAL PRODUCT, AND THAT YOU ARE WEARING AND USING ALL APPROPRIATE SAFETY EQUIPMENT.

THE INFORMATION PRESENTED HEREIN, WHILE NOT GUARANTEED, WAS PREPARED BY TECHNICAL PERSONNEL AND IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE. NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, IS MADE REGARDING PERFORMANCE, STABILITY OR OTHERWISE. THIS INFORMATION IS NOT INTENDED TO BE ALL-INCLUSIVE AS THE MANNER AND CONDITIONS OF USE, HANDLING, STORAGE AND OTHER FACTORS MAY INVOLVE OTHER OR ADDITIONAL SAFETY OR PERFORMANCE CONSIDERATIONS. WHILE OUR TECHNICAL PERSONNEL WILL BE HAPPY TO RESPOND TO QUESTIONS REGARDING SAFE HANDLING AND USE PROCEDURES, SAFE HANDLING AND USE REMAINS THE RESPONSIBILITY OF THE CUSTOMER. NO SUGGESTIONS FOR USE ARE INTENDED AS, AND NOTHING HEREIN SHALL BE CONSTRUED AS, A RECOMMENDATION TO INFRINGE ANY EXISTING PATENTS OR TO VIOLATE ANY FEDERAL, STATE OR LOCAL LAWS.