

MEDICAL CHEMICAL -- ISOPROPYL ALCOHOL, 70%, 105B AND 1051E. - ISOPROPYL ALCOHOL
MATERIAL SAFETY DATA SHEET
NSN: 6810010886265
Manufacturer's CAGE: 64681
Part No. Indicator: A
Part Number/Trade Name: ISOPROPYL ALCOHOL, 70%, 105B AND 1051E.

=====
General Information
=====

Item Name: ISOPROPYL ALCOHOL
Company's Name: MEDICAL CHEMICAL CORP
Company's Street: 1909 CENTINELA AVE
Company's City: SANTA MONICA
Company's State: CA
Company's Country: US
Company's Zip Code: 90404
Company's Emerg Ph #: 800-424-9300(CHEMTREC)
Company's Info Ph #: 213-829-4304
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 26FEB91
Safety Data Review Date: 28MAR95
MSDS Preparer's Name: P.B.
Preparer's Company: SAME
MSDS Serial Number: BXDPD

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: ISOPROPYL ALCOHOL; (ISOPROPANOL) (SARA 313)
Ingredient Sequence Number: 01
Percent: 70 V/V
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM;500 STEL

=====
Physical/Chemical Characteristics
=====

Appearance And Odor: CLEAR COLORLESS SOLUTION; CHARACTERISTIC ODOR OF
ISOPROPYL ALCOHOL.
Boiling Point: 180F,82C
Vapor Pressure (MM Hg/70 F): 33 @ 20C
Vapor Density (Air=1): 2.1
Specific Gravity: 0.876
Evaporation Rate And Ref: 2.9 (N-BUTYL ACETATE=1)
Solubility In Water: COMPLETE

=====
Fire and Explosion Hazard Data
=====

Flash Point: 71.0F,21.7C
Flash Point Method: TCC
Lower Explosive Limit: 2%
Upper Explosive Limit: 13%
Extinguishing Media: ALCOHOL FOAM, CARBON DIOXIDE OR DRY CHEMICAL.
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N). WATER IS INEFFECTIVE AGAINST ALCOHOL FIRES BUT MAY BE
USED TO COOL ADJACENT CONTAINERS.
Unusual Fire And Expl Hazrds: PYROLYSIS WILL RELEASE TOXIC GASES SUCH AS

CARBON MONOXIDE & METHANOL.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): HEAT & FLAME.
Materials To Avoid: STORE AWAY FROM OXIDIZERS.
Hazardous Decomp Products: PYROLYSIS WILL RELEASE TOXIC GASES SUCH AS
CARBON MONOXIDE & METHANOL.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: SLIGHTLY TOXIC. INGEST OF LG QTY MAY CAUSE
DROW & LOSS OF CONSCIOUSNESS. STOM CRAMPS, PAIN, NAUS, VOMIT & DIARR MAY
ALSO OCCUR. WIDESPREAD & PRLNG EXPOS MAY RSLT IN ABSORPTION OF HARMFUL
AMTS, PARTICULARLY IN INFANTS. INHAL OF LOW CONCS MAY CAUSE MILD IRRIT OF
NOSE & THROAT. CONCS ABOVE TLV MAY RSLT IN(EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: HLTH HAZ:HDCH & DROW. PRLNG SKIN CONTACT MAY
CAUSE LOCAL REDNESS, DRYNESS & CRACKING OF SKIN. SYMPTOMS OF OVEREXPOSURE
INCLUDE CNS DISTURBANCE & DIZZINESS.
Med Cond Aggravated By Exp: PREEXISTING EYE, SKIN & RESPIRATORY CONDITIONS
MAY ALSO BE AGGRAVATED.
Emergency/First Aid Proc: EYE:FLUSH W/WATER FOR AT LST 15 MINS & GET MED
ATTN. SKIN:REMOVE CONTAM CLTHG & FLUSH W/WATER. GET MED ATTN IF IRRIT
PERSISTS. INGEST:DO NOT INDUCE VOMIT IF PATIENT IS UNCONSCIOUS/EXTREMELY
DROWSY. OTHERWISE ADMIN 2 GLASSES OF WATER & INDUCE VOMIT. GET IMMEDIATE
ATTN EVEN IF SYMPS IMPROVE. INHAL:REMOVE TO FRESH AIR. GIVE ARTF RESP IF
NOT BRTHG. OXYGEN MAY BE GIVEN BY QUALIFIED PERS IF (SUPP DATA)

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: REMOVE ALL SOURCES OF IGNITION, ABSORB W/
SUITABLE ABSORBENT (SUCH AS PAPER TOWELS) & DISPOSE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: SMALL QUANTITIES MAY USUALLY BE FLUSHED DOWN DRAIN
W/EXCESS WATER. INCINERATION IS PREFERRED METHOD OF DISPOSAL. INSURE
COMPLIANCE W/ALL FEDERAL, STATE & LOCAL GOVT REGS. AT CONCENTRATIONS <10
PPM ISOPROPANOL IS BIODEGRADABLE.
Precautions-Handling/Storing: NONE SPECIFIED BY MANUFACTURER.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN (FP N). GENERALLY NOT NEEDED.
Ventilation: ORDINARY GENERAL VENTILATION IS USUALLY SUFFICIENT.
Protective Gloves: PLASTIC OR RUBBER GLOVES.
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).
Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET
ANSI DESIGN CRITERIA (FP N). OTHER PROT CLTHG/EQUIP USUALLY NOT REQD.

Work Hygienic Practices: WASH WELL AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING.

Suppl. Safety & Health Data: FIRST AID PROC: BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

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

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

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

Label Required: YES
Technical Review Date: 28MAR95
Label Date: 28MAR95
Label Status: G
Common Name: ISOPROPYL ALCOHOL, 70%, 105B AND 1051E.
Chronic Hazard: YES
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. ACUTE: SLIGHTLY TOXIC. INGESTION OF LARGE QUANTITY MAY CAUSE DROWSINESS & LOSS OF CONSCIOUSNESS. STOMACH CRAMPS, PAIN, NAUSEA, VOMITING & DIARRHEA MAY ALSO OCCUR. WIDESPREAD & PROLONGED EXPOSURE MAY RESULT IN ABSORPTION OF HARMFUL AMOUNTS, PARTICULARLY IN INFANTS. INHALATION OF LOW CONCENTRATIONS MAY CAUSE MILD IRRITATION OF NOSE & THROAT. CHRONIC: DRYNESS, CRACKING OF SKIN.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: MEDICAL CHEMICAL CORP
Label Street: 1909 CENTINELA AVE
Label City: SANTA MONICA
Label State: CA
Label Zip Code: 90404
Label Country: US
Label Emergency Number: 800-424-9300 (CHEMTREC)