

9-9-05

YORK L T CO -- 31110 ISOPROPYL ALCOHOL -- 6505-00-655-8366

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MSDS Safety Information

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FSC: 6505
NIIN: 00-655-8366
MSDS Date: 04/12/1993
MSDS Num: CGXBS
Tech Review: 06/16/1999
Product ID: 31110 ISOPROPYL ALCOHOL
Responsible Party
Cage: 66363
Name: YORK L T CO
Address: 440 E HELM
City: BROOKFIELD MO 64628-2226 US
Info Phone Number: 816-258-2291
Emergency Phone Number: 816-258-2291/816-258-5514
Preparer's Name: BOB CLAIBORNE

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Preparer Co. when other than Responsible Party Co.

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Cage: 66363
Assigned Ind: N
Name: YORK L T CO
Address: 440 E HELM
City: BROOKFIELD MO 64628-2226

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Contractor Summary

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Cage: 66363
Name: YORK L T CO
Address: 440 E HELM
City: BROOKFIELD MO 64628-2226 US
Phone: 816-258-2291

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Item Description Information

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Item Name: ISOPROPYL RUBBING ALCOHOL, USP
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: BT
UI Container Qty: 1
Type of Container: GLASS BOTTLE

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Ingredients

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Cas: 67-63-0
RTECS #: NT8050000
Name: ISOPROPYL ALCOHOL (SARA 313)
% by Wt: 70
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM/500STEL;9596
Ozone Depleting Chemical: N

Cas: 7732-18-5
RTECS #: ZC0110000
Name: WATER
% by Wt: 30
Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED
 Ozone Depleting Chemical: N

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 Health Hazards Data
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LD50 LC50 Mixture: ORAL, RAT LD50:5840MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE:MODERATELY IRRIT.SKIN:MILDLY IRRIT.INHAL:MILD IRRIT TO NOSE/THOAT/RESP TRACT,MAY RESULT IN CNS DEPRESS.INGEST:IRRIT GI TRACT CAUSING ABDOM PAIN,VOMIT,SOMETIMES BLOODY.CNS DEPRESS,LOW BLOOD PRESSUR E,RAPID HEAT BEAT,LIVER DMG.INTENTIONALABUSE/MISUSE/OTHER MASSIVE EXPOTO ETHANOL MAY RESULT IN MULTIPLE ORG DMG (SUPPL)

Explanation Of Carcinogenicity: PER MSDS:CARCINGENCITY:NO.

Signs And Symptions Of Overexposure: IRRIT AS NOTED ABOVE.EARLY TO MODERATE CNS DEPRESSMAY BE EVIDENCED BY GIDDINESS,HEAD,DIZZ,NAU;IN EXTREME CASES UNCONSC,RESP DEPRESSION,DEATH MAY OCCUR.LIVER DMG MAY BE EVIDENCED BY LOSS OF APPETITE,JA UNDICE (YELLOWISH SKIN COLOR) & SOMETIMESPAIN IN UPPER ABDOMEN ON RIGHT SIDE.

Medical Cond Aggravated By Exposure: PRE-EXISITING EYE,SKIN,RESP DISORDERS MAY BE AGGRAVATED BY EXPO TO PRODUCT.IMPAIRED FUNCTION FRM PRE-EXISTING DISORDERS MAYB E AGGRAVATED BY EXPO TO PRODUCT.

First Aid: EYE:IMMED FLUSH W/PLENTY OF H2O @LEAST 15MINS,HOLD EYELIDS OPN.GET MED ATTN.SKIN:NA.INHAL:REMOVE TO FRESH AIR.BREATH DIFFI PROVIDE OXY.GET MED ATTN.INGEST:DONT GIVE LIQ IF UNCONSC/VERY DROWSY.OTHERWIS E GIVE NO MORE THAN 2GLASSES OF H2O,INDUCE VOMIT BY GIVING 30CC(2TBS)SYRUP OF IPECAC.IF UNAVAIL GIVE 2GLASSES OF H2O,INDUCE VOMIT BY TOUCH BACK OF THROAT W/FINGER.GET MED ATTN.NOTE TO DR:VICTIM (SUPP)

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 Handling and Disposal
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Spill Release Procedures: WARN-FLAMM.REMOVE ALL IGN SOURCES.GROUND HNDLG EQPMT-PREVENT SPARK.LG-EVACU AREA OF UNPROT PERS.WEAR APPRO RESP/PROT CLOTH.SHUT OFF SOURCE.DIKE/CONTAIN.SURPRESS VAP CLOUD W/H2OFOG.CONTAIN RUNOFF.REMOV E W/VAC RUC/PUMP.SOAK RESIDUE (CLAY,SAND,ETC).

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: TOXIC CHEMICAL SEC 313 SARA.UNDER EPA RCRA IF PRODUCT BECOMES WASTE MATL IT WOULD IG IGN HAZ WASTE,HAZ NO:D001.REFER TO LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

Handling And Storage Precautions: KEEP LIQ/VAP AWAY FRM FIRE/SPARK/FLAME.SURF SUFFI HOT MAY IGN PROD.VAP ACCUMULATE/TRAVEL TO IGN SOURCE DISTANT FRM HDLNG-FLASHBACK.KEEP CLSD.

Other Precautions: CNTNR EVEN EMPTY CONTAIN EXPLO VAP.DONT CUT/DRILL/GRIND/WELL ON/NEAR CNTNR.STATIC ELECT MAY ACCUMULATE-FIRE HAZ.FIRE/EXPLO:CONTACT SHOULD BE COLL W/LG QUANT OF H2O AS NEEDED TO PREVENT WEAKEN OF CNTNR STRUCTURE.

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 Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: 53.0F,11.7C

Autoignition Temp Text: NP

Lower Limits: 2

Upper Limits: 12

Extinguishing Media: USE WATER FOG, "ALCOHOL"FOAM, DRY CHEMICAL, CO2.

Fire Fighting Procedures: WARN:FLAMM.CLEAR FIRE AREA OF UNPROT PERSON.DONT ENTER CONF FIRE SPACE W/O FULL BUNKER GEAR(HELMET W/FCSHIELD,BUNKER COAT,GLOVE,RUBB BOOT)+PRESS(FIRE/EXPL HAZ)

Unusual Fire/Explosion Hazard: FIREFIGHT:NIOSH APPROV SCBA.COOL FIRE-EXPO CNTNR W/H2O-PREVENT VAP PRESSURE BUILDUP COULD RESULT IN RUPTURE.CNTNR AREAS EXPO TO DIRECT FLAME(OTHER PRECAUT)

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Control Measures
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Respiratory Protection: IF EXPO MAY/DOES EXCEED OCCUP EXPO LIMITS USE NIOSH-APPROV RESP TO PREVENT OVEREXPO.IAW 29CFR1910.134 USE EITHER ATMOSPHERE-SUPP RESP OR AIR-PURIFY RESP FOR ORG VAP.OSHA HAS ESTABLISHED TRANS OCCU EXP O LIMITS-REFER TO 29CFR1910.1000.

Ventilation: USE EXPLO-PROOF VENTI AS REQUIRE TO CNTRL VAP CONCEN.

Protective Gloves: CHEM-RESIST:NITRILE,NEOPRENE,NAT RUBB

Eye Protection: CHEM GOGGLES

Other Protective Equipment: OTHER CLOTHING(NITRILE,NEOPRENE,NAT RUBB) AS REQUIRED TO MINIMIZE CONTACT.EYEWASH FOUNTAINS,SAF SHOWER AVAI FOR EMERGENC

Work Hygienic Practices: AVOID EYE/SKIN CONTACT.WASH W/SOAP/WATER BEF EAT/DRINK/SMOKE/TOILET USE.LAUNDE CONTAM CLOTH BEF REUSE.

Supplemental Safety and Health: HEALTH HAZ:&/OR DEATH.ETHANOL INGEST DURING PREGNANCY HAS BEEN REPORTED TO CAUSE BIRTH DEFECTS IN SOME INFANTS.CARC BASED ON CHRONIC INGEST OF ALCOHOLIC BEV. 1STAIID:CHILD GIVE NO MORE THAN 1GLASS OF H 2O,15CC(1TBSP)SYRUP OF IPECAC.SYMPT (LOSSOF GAG REFLEX,CONVULS,UNCONSC)OCCUR BEF EMESIS GASTRIC LAVAGE SHOULD BE CONSIDER

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Physical/Chemical Properties
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HCC: F2

B.P. Text: 180F,82C

M.P/F.P Text: -127F,-88C

Decomp Text: NP

Vapor Pres: 32

Vapor Density: 2.1

Spec Gravity: 0.79

PH: NP

Viscosity: NP

Evaporation Rate & Reference: 1.4, BUTYL ACETATE=1

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS MOBILE LIQUID, MILD ODOR

Percent Volatiles by Volume: NP

Corrosion Rate: NP

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID HEAT, SPARKS, FLAME, CONTACT W/STRONG OXIDIZING AGENTS.DOTN STORE/HNDL IN AL EQPMT @ TEMP >120F.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: CO,UNIDENTIFIED ORGANIC COMPOUDNS MAY BE FORMED DURING COMBUSTION.

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 66363
Trans ID NO: 80828
Product ID: 31110 ISOPROPYL ALCOHOL
MSDS Prepared Date: 04/12/1993
Review Date: 06/08/1998
Article W/O MSDS: N
Net Unit Weight: 1PT/473ML
Multiple KIT Number: 0
Unit Of Issue: BT
Container QTY: 1
Type Of Container: GLASS BOTTLE
Additional Data: PER MSDS:DOT CLASSIFICATION:FLAMM LIQ, DOT PROPER SHIPPING
NAME:ISOPROPANOL, UN1219, GUIDE SHEET 25.

Detail DOT Information

DOT PSN Code: HWY
DOT Proper Shipping Name: ISOPROPANOL OR ISOPROPYL ALCOHOL
Hazard Class: 3
UN ID Num: UN1219
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: T1
Packaging Exception: 150
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: B

Detail IMO Information

IMO PSN Code: ITK
IMO Proper Shipping Name: ISOPROPYL ALCOHOL
IMDG Page Number: 3244
UN Number: 1219
UN Hazard Class: 3.2
IMO Packaging Group: II
Subsidiary Risk Label: -
EMS Number: 3-06
MED First Aid Guide NUM: 305

Detail IATA Information

IATA PSN Code: OOG
IATA UN ID Num: 1219
IATA Proper Shipping Name: ISOPROPYL ALCOHOL
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID

UN Packing Group: II
 Packing Note Passenger: 305
 Max Quant Pass: 5L
 Max Quant Cargo: 60L
 Packaging Note Cargo: 307

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 Detail AFI Information
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AFI PSN Code: ONH
 AFI Proper Shipping Name: ISOPROPANOL
 AFI Hazard Class: 3
 AFI UN ID NUM: UN1219
 AFI Packing Group: II
 Special Provisions: P5
 Back Pack Reference: A7.3

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 HAZCOM Label
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Product ID: 31110 ISOPROPYL ALCOHOL
 Cage: 66363
 Company Name: YORK L T CO
 Street: 440 E HELM
 City: BROOKFIELD MO
 Zipcode: 64628-2226 US
 Health Emergency Phone: 816-258-2291/816-258-5514
 Date Of Label Review: 06/08/1998
 Label Date: 06/08/1998
 Chronic Hazard IND: Y
 Eye Protection IND: YES
 Skin Protection IND: YES
 Signal Word: WARNING
 Respiratory Protection IND: YES
 Health Hazard: Severe
 Contact Hazard: Moderate
 Fire Hazard: Severe
 Reactivity Hazard: None
 Hazard And Precautions: EYE:MODERATELY IRRIT.SKIN:MILDLY IRRIT.INHAL:MILD
 IRRIT NOSE/THOAT/RESP TRACT,CNS DEPRESS.INGEST:IRRIT GI TRACT,ABD
 PAIN,VOMIT,SOMETIMES BLOODY.CNS DEPRESS,LOW BLOOD PRESSURE,RAPID HEAT
 BEAT,LIVER DMG .TARGET ORGANS:CNS/EYE/SKIN/GI
 TRACT/LIVER/HEART.1ST AID:EYE:IMMED FLUSH W/LOTS OF H2O @LEAST
 15MINS,HOLD EYELIDS OPN.GET MED ATTN.SKIN:NA.INHAL:MOVE TO FRESH
 AIR.BREATH DIFFI GIVE OXY.GET MED ATTN.ING EST:DONT GIVE LIQ IF
 UNCONSC/VERY DROWSY.OTHERWISE GIVE NO MORE THAN 2GLASSES OF H2O,INDUCE
 VOMIT BY GIVING 30CC(2TBS)SYRUP OF IPECAC.IF UNAVAIL GIVE 2GLASSES OF
 H2O,INDUCE VOMIT BY TOUCH BACK OF THRO AT W/FINGER.GET MED ATTN.

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