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

MSDS Safety Information

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

Preparer Co. when other than Responsible Party Co.

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

Contractor Summary

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

Item Description Information

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

Ingredients

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 EXPOS TO ETHANOL MAY RESULT IN MULTIPLE ORG DMG (SUPPL)  
Explanation Of Carcinogenicity: PER MSDS:CARCINGENCY:NO.

Signs And Symptoms 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-EXISTING EYE, SKIN, RESP DISORDERS MAY BE AGGRAVATED BY EXPO TO PRODUCT. IMPAIRED FUNCTION FRM PRE-EXISTING DISORDERS MAY BE 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. BREATHE DIFFI PROVIDE OXY.GET MED ATTN. INGEST: 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 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 EXPOLO VAP.DONT CUT/DRILL/GRIND/VELL ON/NEAR CNTNR.STATIC ELECT MAY ACCUMULATE-FIRE HAZ.FIRE/EXPOLO:CONTACT SHOULD BE COLL W/LQ 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. DON'T enter conf fire space w/o full bunker gear (helmet w/fcsheild, bunker coat, glove, rubber boot) + press (fire/expl hazz).

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)

Control Measures

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Ventilation: USE EXPLO-PROOF VENTI AS REQUIRED 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. EYEWEASH FOUNTAINS, SAF SHOWER AVAI FOR EMERGENG

Work Hygienic Practices: AVOID EYE/SKIN CONTACT. WASH W/SOAP/WATER BEF EAT/DRAIN/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. 1ST AID: CHILD GIVE NO MORE THAN 1GLASS OF H 2O, 15CC (1TBS) SYRUP OF IPECAC. SYMPT (LOSSOF GAG REFLEX, CONVULS, UNCONSC) OCCUR BEF EMESIS GASTRIC LAVAGE SHOULD BE CONSID

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Physical/Chemical Properties

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MCC: 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: 86828
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

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

Detail AFI Information

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

HAZCOM Label

Product ID: 31110 ISOPROPYL ALCOHOL
Cage: 663836
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/THROAT/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.1STAI: EYE:IMMED FLUSH W/LOTS OF H2O @LEAST
15MINS,HOLD EYELIDS OPEN.GET MED ATTN.SKIN:NA.INHAL:MOVE TO FRESH
AIR.BREATHE 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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