

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

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Product Identification
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Product ID:31110 ISOPROPYL ALCOHOL

MSDS Date:04/12/1993

FSC:6505

NIIN:00-655-8366

MSDS Number: CGXBS

=== Responsible Party ===

Company Name:YORK L T CO

Address:440 E HELM

City:BROOKFIELD

State:MO

ZIP:64628-2226

Country:US

Info Phone Num:816-258-2291

Emergency Phone Num:816-258-2291/816-258-5514

Preparer'

s Name:BOB CLAIBORNE

CAGE:66363

=== Contractor Identification ===

Company Name:YORK L T CO

Address:440 E HELM

Box:City:BROOKFIELD

State:MO

ZIP:64628-2226

Country:US

Phone:816-258-2291

CAGE:66363

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction b

y Wt: 30%

Other REC Limits:NONE RECOMMENDED

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===== 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: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.

Effects 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 ABDOME

N 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 MAYB E AGGRAVATED BY EXPO TO PRODUCT.

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

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
DRO

WSY.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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===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Autoignition Temp: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)

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

Spill Release Procedures:WARN-FLAMM.REMOVE ALL IGN SOURCE
S.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.

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

Handling and Storage Precautions:KEEP LIQ/VAP AWAY FRM
FIRE/SPARK/FLAME.SURF SUFFI HOT MAY IGN PROD.VAP ACCUMULATE/TRAVEL
TO IGN SOURCE DIST
ANT 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.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF EXPO MAY/DOES EXCEED OCCUP EXPO LIMITS USE
NIOSH-APPROV RESP TO PREVENT OVEREXPO.IAW 29CFR1910.134 USE EITHER
ATMOSPHER
E-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. 1ST AID: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

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

HC
C:F2
Boiling Pt:B.P. Text:180F,82C
Melt/Freeze Pt:M.P/F.P Text:-127F,-88C
Decomp Temp: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

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:AVOID HEAT,SPARKS,FLAME,CONTACT W/STRONG OXIDIZING AGENTS.DOTN STORE/HNDL IN AL EQPMT @ TEMP >120F.
Hazardous Decomposition Products:CO,UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

===== Disposal Considerations =====

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

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DISPOSAL.

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