

CUMBERLAND MANUFACTURING CO. -- ISOPROPANOL,ISOPROPYL ALCOHOL -- 6505-00-655-8366

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Product Identification  
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Product ID:ISOPROPANOL,ISOPROPYL ALCOHOL

MSDS Date:01/01/1987

FSC:6505

NIIN:00-655-8366

MSDS Number: BFJYZ

=== Responsible Party ===

Company Name:CUMBERLAND MANUFACTURING CO.

Address:13TH AVENUE & D STREET

Box:129

City:SMYRNA

State:TN

ZIP:37167

Country:US

Info Phone Num:615-459-890

0

Emergency Phone Num:615-459-8900

CAGE:LO738

=== Contractor Identification ===

Company Name:CMC INC. DBA CUMBERLAND MFG CO.

Address:ONE SWAN DRIVE

Box:City:SMYRNA

State:TN

ZIP:37167

Country:US

Phone:615-459-8900

CAGE:66611

Company Name:CUMBERLAND MANUFACTURING CO.

Address:13TH AVENUE & D STREET

Box:129

City:SMYRNA

State:TN

ZIP:37167

Country:US

Phone:615-459-8900

CAGE:LO738

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

CAS:67-63-

0  
RTECS #:NT8050000  
Fraction by Wt: 70%.  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:WATER (DEIONIZED,SOFT)  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 30%.

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Hazards Identification  
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Effects of Overexposure:ACUTE:VAP.IRR.NOSE&THROAT;LIQ.WILL DAMAGE EYE/CHRONIC:PROLONGED/REPEATED SKIN CONTACT,IRR./

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First Aid Measures  
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First Aid:INHALED:REMOVE TO FRESH AIR. GIVE CPR OR OXYGEN IF NEED  
(CAUTION:CPR MAY EXPOSE RESCUER)EYES/SKIN: FLUSH W.WATER 15 MIN.  
REMOVE CONTAMINATED CLOTHES.KEEP WARM/QUIET. GET MEDICAL ATTENTION

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Fire Fighting Measures  
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Flash Point:63F,17C,TCC  
Lower Limits:2.0  
Upper Limits:12.0  
Extinguishing Media:SM FIRE:CO\*2,DRY CHEM;LG FIRE:ALC.TYPE FOAM.  
Fire Fighting Procedures:DILUTION OF BURNING LIQ.W/22-25 VOLS OF WTR  
WILL EXTINGUISH.  
Unusual Fire/Explosion Hazard:RESP.PROTEC.REQD.FOR FIREFIGHTING  
PERSONNEL.STAY UPWIND IF POSSIBLE.COOL EXPSD.TANKS WITH WTR.

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Accidental Release Measures  
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Spill Release Procedures:KEEP PUBLIC AWAY.SHUT OFF SOURCE IF POSSIBLE  
W/O HAZ.;ELIMINATE SOURCES OF IGN.WARN OCCUPANTS OF DOWNWIND AREAS  
OF EXPL.HAZ.;PREVENT LIQ.FROM ENTERING WTRCOURSES,LOW AREAS.CONTAIN  
SPILLED LIQ.W/SAND,E ARTH.DILUTE W/WTR.

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Handling and Storage  
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Handling and Storage Precautions:C

CONTRHS HAZ WHEN EMPTY. ALL HAZ PRECS  
MUST BE OBSERVED. PROT. CONTRS AGAINST PHYS. DAMAGE KEEP CONTRS  
CLOSED.AVOID FIRE HAZ. STG IN COOL, DRY PLACE.  
Other Precautions:DO NOT HANDLE/STORE NEAR FLAME,HEAT.STRONG  
OXIDIZERS.ADEQUATE VENTILATION REQUIRED.

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

Respiratory Protection:NIOSH APPVD AIR SUPPLIED MASK IN ENCLOSED  
SPACES.  
Ventilation:EXPL.PROOF MECH.VENTIL;LOCAL EXH.>60FPM IN ENCLOSED SPACES.  
Protective Gloves:CH  
EM.RESIST.  
Eye Protection:CHEM SPLASH GOGGLES  
Other Protective Equipment:NONE  
Supplemental Safety and Health  
UNDATED MSDS/FREEZING  
PT:-58F,-50C/INCOMPATIB:PHOSP.TRICHLOR.,ALDEHYDES,MONOMERS,POLYMERI  
ZABLE ESTERS,HYDROGEN W/PALLADIUM & STORING IN ALUMINUM VESSELS/

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

HCC:F2  
Boiling Pt:B.P. Text:176F,80C  
Vapor Pres:29.  
Vapor Density:1.6  
Spec Gravity:0.878  
Evaporation Rate & Reference:1.7 (BU AC=1)  
Solubility in Water:C  
OMplete  
Appearance and Odor:CLEAR,COLORLESS LIQ,ALC TYPE ODOR.  
Percent Volatiles by Volume:70.

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

Stability Indicator/Materials to Avoid:YES  
ALKYLENE OXIDES,AC,ANHYDRINES,INORG.AC.,HALOGENS-SEE SUPPL-  
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:RECOVER FREE LIQ.BY PUMPING OR W/SUITABLE  
ABSORBANT.CONSULT A DISPOSAL EXPERT AND ENSURE CONFORMI

TY TO  
LOCAL,STATE,FED,REGS.

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