

CONAP INC. -- CONAP S-8 SOLVENT -- 5970-01-037-4737

===== Product Identification =====

Product ID:CONAP S-8 SOLVENT

MSDS Date:07/01/1997

FSC:5970

NIIN:01-037-4737

MSDS Number: CBSFN

=== Responsible Party ===

Company Name:CONAP INC.

Address:1405 BUFFALO STREET

City:OLEAN

State:NY

ZIP:14760

Country:US

Info Phone Num:716-372-9650

Emergency Phone Num:716-372-9650/800-424-9300(CHEMTREC)

Preparer's N

ame:LARRY R. JOHNSON

CAGE:16245

=== Contractor Identification ===

Company Name:CONAP INC.,WHOLLY OWNED SUBSIDIARY OF CYTEC INDUSTRIES
INC.

Address:1405 BUFFALO STREET

Box:City:OLEAN

State:NY

ZIP:14760

Country:US

Phone:716-372-9650

CAGE:16245

Company Name:RUDOLPH BROS AND COMPANY

Address:960 WALNUT STREET

Box:425

City:CANAL WINCHESTER

State:OH

ZIP:43110

Country:US

Phone:614-833-0707

CAGE:6S222

===== Composition/Information on Ingredients =====

Ingred Name:TOLUENE (SARA 313

) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 40-60%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:2-METHOXY-1-PROPANOL ACETATE
CAS:70657-70-4

RTECS #:AI8967450
Fraction by Wt: 5000MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CAUSES EYE IRRIT,MAY CAUSE SKIN

IRRIT.CHRONIC HAZ WARNING:CONTA
IN MATLS WHICH CAUSED BIRTH DEFECTS
& REPRODUCTIVE DSORDERS IN LAB ANIMAL TESTS.RISK DEPENDS ON
DURATION & LEVEL OF EXPO.DIRECT CONTACT W /MATL MAY CAUSE MODERATE
EYE & MILD SKINIRRIT.INHAL OVEREXPO MAY CAUSE IRRIT OF RESP TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:TOLUENE:SEVERE EYE/MOD SKIN
IRRIT.INHAL-HEAD,FTG,NAU,CNS DEPRESS,REVERSIBLE KIDNEY/LIV DMG,PERM
HEARING LOSS,DECR LEARNING CAPABILITES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY
MANUFACTURER.

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

First Aid:SKIN:WASH AFFECTED AREAS W/SOAP/WATER.EYE:IMMED IRRIGATE
W/PLENTY OF WATER FOR 15MINS.OBTAIN MED ATTN IF IRRIT
PERSISTS.MATLS NOT EXPECTED TO BE HARMFUL IF INHAL.IF INHAL REMOVE
TO FRESH AIR.

=====
===== Fire Fighting Measures =====

Flash Point Method:CC
Flash Point:40.0F,4.4C
Autoignition Temp:Autoignition Temp Text:N/AVAI
Lower Limits:N/AVAI
Upper Limits:N/AV

AI

Extinguishing Media:USE WATERSPRAY,ALCOHOL FOAM,CARBON DIOXIDE OR DRY CHEMICAL TO EXTINGUISH FIRES.

Fire Fighting Procedures:WATERSTREAM MAY BE INEFFECTIVE.USE WATER TO KEEP CNTNR COOL.WEAR SEL-CONTAIN POSITIVE PRESSURE BREATH APPARATUS & FULL FIREFIGHTING PROT CLOTH.

Unusual Fire/Explosion Hazard:WARNING:FLAMM LIQUID AND VAPOR.

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

Spill Release Procedures:REMOVE IGN SOURCES.EXPO LEVEL UNK WEAR NIOSH APPROV +PR

ESS SELF-CONTAIN RESPIRATOR.EXPO LEVEL KNOWN WEAR NIOSH APPROV RESP SUITABLE FOR LEVEL OF EXPO.ADDN TO PROT CLOTH/EQPMT WEZR IMPERV BOOTS.COVER S PILLS W/INERT ABSORBENT MATL;SWEEPUP,PLACE(SUPPLE)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FRM HEAT/SPARK/FLAME.AVOID CONTACT W/EYE/SKIN/CLOTH.KEEP CNTNR CLSD.USE W/ADEQU VENTI.WASH WORKCLOTH BEF REUSE.STORE SE

PARATELY STREET CLOTH

Other Precautions:AREAS CONTAINING MATL SHOULD HAVE FIRE-SAFE PRACTICES & ELECTRICAL EQPMT IAW ELECTRICAL/FIRE PROTECTION CODES(NFPA-30)GOVERNING CLASS I FLAMM LIQS.FOOD/BEV/TOBACCO PROD SHOULD NOT BE CARRIED/STORE/CON SUME WHERE MATL USE.DONT TAKE WORK(SUPP)

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

Respiratory Protection:WHERE EXPO ARE BELOW PEL NO RESPIRATORY PROTECTION IS REQUIRED.WHERE EXPO EXCEED PEL USE RESPIRATOR APPRO

V

BY NIOSH FOR MATL & LEVEL OF EXPO.SEE INDUSTRIAL RESPIRATORY PROTECTION(NIOSH).

Ventilation:WHERE MATL NOT USED IN CLSD SYS GOOD ENCLOSURE/LOC EXHAU VENTI SHOULD BE PROVIDED TO CONTROL EXPO.

Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:CHEM SPLASH PROOF GOGG OR FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTH-IMPERV

GLOVE,APRON,WORKPANTS,LONG SEELVE,WORKSHIRT,DISPO COVERALLS RECOMMENDED.EYEWASH/SAF SHOWER.

Work Hygienic Practices:WASH WELL A

FT HNDLG.BEF EAT/DRINK/SMOKE WASH

FACE/HANDS W/SOAP/H2O.SHOWER AFT WORKSHIFT COMPLETION ESPEC IF SIGN CONTACT

Supplemental Safety and Health

SPILL:IN WASTE DISPO CNTNR.FLUSH AREA W/H2O. OTH PRECAU:CLOTH/SHOES HOME. DISPO:OF BY THERM TREAT/INCINERATION @EPA APPROV FACIL.PERSON GENERATING WASTE IS RESPONSIBLE FOR DETERMINING WASTE CLASSIFICATION & DISPO METHOD.CONTAINS CHEM SUBJ TO REPORT REQMTS OF SEC 313 CERCLA:TOLUENE RQ1000LBS,2-METHOXY-1-PROPANOL ACETATE

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

HCC:F2

Boiling Pt:B.P. Text:N/AVAI

Melt/Freeze Pt:M.P/F.P Text:N/AVAI

Decomp Temp:Decomp Text:N/AVAI

Vapor Pres:N/AVAI

Vapor Density:N/AVAI

Spec Gravity:0.912

pH:N/AVAI

Viscosity:NP

Evaporation Rate & Reference:N/AVAI

Solubility in Water:DISPERSIBLE

Appearance and Odor:COLORLESS LIQUID; FRUITY ESTER-LIKE ODOR

Percent Volatiles by Volume:N/AVAI

Corrosion Rate:NP

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

Stab

ility Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:THERMAL DECOMPO OR COMBUSTION MAY PRODUCE OXIDES OF CARBON &/OR HYDROGEN FLUORIDE.

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

Waste Disposal Methods:APPLIES ONLY TO CYTEC PROD AS SUPPLIED:MATL ALTER/CONTAM/EXCEEDED SHELF LIFE GUIDANCE MAY BE INAPPLICABLE.REFER TO 40CFR261.33.ENCOURAGE RECYL/RECOVER/REUSE WHERE PERM

ITTED AS

ALTER TO DISPO AS WASATE .ORG MATL CLASS AS RCRA HAZ WASTE BE DISPO
(SUPPL)

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