

CONAP INC -- CONAP S-1 SOLVENT -- 8040-01-265-3895

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

Product ID:CONAP S-1 SOLVENT

MSDS Date:07/01/1997

FSC:8040

NIIN:01-265-3895

Status Code:A

MSDS Number: CJNBV

=== Responsible Party ===

Company Name:CONAP INC

Address:1405 BUFFALO STREET

City:OLEAN

State:NY

ZIP:14760-1139

Country:US

Info Phone Num:716-372-9650

Emergency Phone Num:800-424-9300

Resp. Party Other MS

DS Num.:MSDS NO: 8050

Chemtrec Ind/Phone:(800)424-9300

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

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Minimum % Wt:70.

Maxumum % Wt:80.

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EP

A Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Minumum % Wt:20.
Maxumum % Wt:30.
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT): >5,000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EMERGENCY OVERVIEW: STATEMENTS OF
HAZARD: WARNING! FLAMMABLE LIQUID AND VAPOR. CAUSES EYE IRRITATION.
MAY CAUSE SKIN IRRITATION. CHRONIC HAZARD WARNING: CONTAINS
MATERIAL WHICH CAUSED REPRODUCTIVE DIS ORDERS IN LABORATORY ANIMAL
TESTS. RISK OF EFFECTS DEPENDS ON DURATION AND LEVEL OF EXPOSURE.
POTENTIAL HEALTH EFFECTS: ACUTE ORAL (RAT) AND DERMAL (RABBIT) LD50
VALUES ARE ESTIMATED TO BE GREATER THAN 5,000 MG/KG AND GREATER
THAN 2,000 MG/KG, RESPECTIVELY. THE 4-HOUR INHALATION LC50 (RAT)
VALUE IS
ESTIMATED TO BE GREATER THAN 20 MG/L. (EFTS OF OVEREXP)
Effects of Overexposure:HLTH HAZ: DIRECT CONTACT WITH THIS MATERIAL MAY
CAUSE MODERATE EYE AND MILD SKIN IRRITATION. OVEREXPOSURE TO VAPOR
MAY CAUSE RESPIRATORY TRACT IRRITATION AND CENTRAL NERVOUS SYSTEM
DEPRESSION. REFER TO SECTION 11 FOR TOXICOLOGY INFORMATION ON THE
OSHA REGULATED COMPONENTS OF THIS PRODUCT. TOLUENE APPEARS ON THE
NAVY OCCUP CHEM REPRO HAZ LIST. SEEK CONSULTATION FROM APPROP HLTH
PROFESSIONALS C
ONCER NING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS
INFO .

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

First Aid:SKIN CONTACT: WASH AFFECTED AREAS OF SKIN WITH SOAP AND
WATER. EYE: IMMEDIATELY IRRIGATE WITH PLENTY OF WATER FOR AT LEAST
15 MINUTES. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.
INHALATION: IF VAPOR OR DUST OF THIS MATERIAL IS INHALED, REMOVE
FROM EXPOSURE. ADMINISTER OXYGEN IF THERE IS DIFFICULTY IN
BREATHING. INGESTION: CALL

MD IMMEDIATELY .

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

Flash Point Method:CC
Flash Point:=4.4C, 40.F

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===== 40 =====

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

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . WATER STREAM MAY BE INEFFECTIVE. USE WATER TO KEEP CONTAINERS COOL. SEE SECTION 8 (EXPOSURE CO

NTROLS/PERSONAL PROTECTION) FOR SPECIAL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NFPA HAZ RATING: HLTH 2, FIRE 3, REACT 0, SPECIAL - .FIRE: LIQ & SOLIDS THAT CAN BE IGNIT UNDER ALMOST ALL AMBIENT TEMP CONDITIONS. HLTH: MATLS WHICH ON INTENSE/CONTINUED EXPOSURE COULD CAUSE TEMPOR ARY INCAPACITATION/POSS RESIDUAL INJURYUNLESS PROMPT MED TREAT IS GIVEN. (ECOL INFO)

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

Spill Release Procedures:REMOVE SOURCES OF IGNIT. WHERE EXPOS LEVEL IS NOT KNOWN, WEAR NIOSH APPRVD, POSITIVE PRESS, SELF-CONTAIN RESPIRATOR. WHERE EXPOS LEVEL IS KNOWN, WEAR NIOSH APPRVD RESP SUITABLE FOR LEVEL OF EXPOS. IN ADDITION TO PROT CLTHG/EQUIP IN SECTION8 (EXPOS CONTROLS/PERSONAL PROTECTION), WEAR IMPERVIOUS BOOTS. COVER SPILLS W/SOME INERT ABSORB MATL; SWEEP UP & PLACE IN WASTE DISP CNTNR. FLUSH AREA W/WATER.

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

Handling and

Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, AND FLAME. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION.

Other Precautions:AREAS CNTNG THIS MATL SHOULD HAVE FIRE-SAFE PRACTICES & ELECTRICAL EQUIP IN ACCORDANCE WITH ELECTRICAL & FIRE PROTECTION CODES (NFPA-30) GOVERNING CLASS I FLAMMABLE LIQUIDS. STORE STREET CLTHING SEPA RATE FROM WORK CLTHG & PROT EQUIP. WORKCLTHG & SHOES MUST NOT BE TAKEN HOME.

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===== Expo

sure Controls/Personal Protection =====

Respiratory Protection:WHERE EXPOSURES EXCEED THE PEL, USE RESPIRATOR APPROVED BY NIOSH FOR THE MATERIAL AND LEVEL OF EXPOSURE. SEE "GUIDE TO INDUSTRIAL RESPIRATORY PROTECTION" (NIOSH).

Ventilation:WHERE THIS MATERIAL IS NOT USED IN CLOSED SYSTEM, GOOD ENCLOSURE AND LOCAL EXHAUST VENTILATION SHOULD BE PROVIDED TO CONTROL EXPOSURE.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Pr

otective Equipment:ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER . AVOID SKIN CONTACT. PROT CLOTHING SUCH AS APRON, WORKPANTS, LONG SLEEVE WORK SHIRT, OR DISPOSABLE COVERALLS ARE RECOM TO PVNT SKIN CNTCT.

Work Hygienic Practices:LAUNDER WORK CLTHG BEFORE @ END OF WORKSHIFT PRIOR TO REUSE. FOOD, BEVERAGES, & TOBACCO PRODS SHOULD NOT BE CARRIED, STORED/COSUMED WHERE THIS MATL IS IN USE. (SUPDAT)

Supplemental Safety and Health

HYGENIC PRACT: WASH FACE & HANDS W/SOAP & H*2O.

PHYSICAL & CHEM

PROPERTIES: SATURATION IN AIR (% BY VOL): NOT AVAILABLE. WASTE DISP METH: OR HAS ANY OF FOUR RCRA "HAZ WASTE CHARACTERISTICS." FOR MORE COMPLETE INFORMATION ON WASTE DISPOSAL METHOD CONTACT NEHC .

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

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE

Vapor Pres:NOT AVAILABLE

Vapor Density:NOT AVAIL

Spec Gravity:0.849 @ 16C

pH:NOT AVAILABLE

Evaporation Rate & Reference:NO
T AVAILABLE

Solubility in Water:NOT AVAILABLE

Appearance and Odor:COLORLESS LIQUID; SOLVENT ODOR.

Percent Volatiles by Volume:NOT AVAIL

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:THERMAL DECOMPOSITION OR COMBUSTION
MAY PRODUCE OXIDES OF CARBON.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

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Toxicological Information: TOX INFO FOR PROD IS FOUND UNDER SECTION 3 HAZ IDENTIFICATION, TOX INFO ON OSHA REGULATED COMPONENTS OF THIS PROD IS AS FOLLOWS: TOLUENE HAS ACUTE ORAL (RAT) & DERMAL (RABBIT) LD50 VALUES OF 636 MG/K G & 12124 MG/KG, RESPECTIVELY. ACUTE 4-HR INHAL (RAT, FEMALE) LC50 VALUE IS 5,060 PPM (19.07 MG/L). TOLUENE IS A SEV EYE & MOD SKIN IRRIT. INHAL OVEREXP TO TOLUENE VAP CAN CAUSE HDCH, FATIGUE, NAUSEA, & CNS DEPRESSION. SUSTAINED INHAL O

F HIGH LEVELS OF TOLUENE HAVE BEEN SHOWN TO CAUSE REVERSIBLE KIDNEY & LIVER DMG. FOR MORE COMPLETE INFORMATION ON TOXICOLOGICAL INFORMATION CONTACT NEHC .

===== Ecological Information =====

Ecological: NO AQUATIC LC50, BOD, OR COD DATA AVAILABLE. OCTANOL/H*20 PARTITION COEF.: NOT AVAILABLE. UNUSUAL FIRE & EXPLOSION HAZ: REACT: MATLS WHICH IN THEMSELVES ARE NORMALLY STABLE, EVEN UNDER FIRE EXPOSURE CONDITIONS, AND WHICH ARE NOT REACTIV EWITH WATER.

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

Waste Disposal Methods: INFO ON RCRA WASTE CLASSIFICATION & DISP METHODOLOGY PROVIDED BELOW APPLIES ONLY TO CYTEC PROD, AS SUPPLIED. IF MATL HAS BEEN ALTERED/CONTAMD/IT HAS EXCEEDED ITS REC SHELF LIFE, GUIDANCE MAY BE INAPPL LICABLE, HAZ WASTE CLASSIFICATION UNDER FED REGS (40 CFR PART 261 ET SEQ) IS DEPENDED UPON WHETHER MA TL IS A RCRA "LISTED HAZ WASTE" (SUPDAT)

===== MSDS Tran
sport Information =====

Transport Information: THIS SECTION PROVIDES BASIC SHIPPING CLASSIFICATION INFO. REFER TO APPROP TRANSPORTATION REGS FOR SPECIFIC REQUIREMENTS. SHIPPING NAME: DOT SHIPPING INFO FLAMMABLE LIQUID, NOS: HAZ CLASS/ PACKING GROU P: 3,II, UN NUMBER: UN 1993, IMDG PAGE: N/A, D.O.T: (PRODUCT REPORTABLE QTY), HAZ SUBSTANCES: TOLUENE (1,250 LBS), TRANSPORT LABEL REQD: FLAMM. SHIPPING NAME: IMO: SHIPPING INFO FLAMM LIQUID, NOS: HAZ CLASS/PACKIN

G GROUP: 3.2

II, UN NUMBER: 1993. IMDG PAGE: 3230, DOT HAZ SUBSTANCES: N/A.

TRANSPORT LABEL REQUIRED: FLAMM LIQ. SHIPPING NAME: ICAO/IATA FLAMM LIQ, NOS, HAZ CLASS 3, UN/ID NUMBER: 1993, PACKING GROUP: II. (OTHER INFO)

==== Regulatory Information =====

SARA Title III Information: THE FOLLOWING COMPONENTS OF THIS PRODUCT MAY BE SUBJECT TO REPORTING REQUIREMENTS PURSUANT TO SECTION 313 OF CERCLA (40 CFR 372), SECTION 12(B) OF TSCA, OR MAY

BE SUBJECT TO

RELEASE REPORTING REQUIREMENTS (40 CFR 30, 40 CFR 311, ETC.) SEE SECTION 13 FOR INFORMATION ON WASTE CLASSIFICATION AND WASTE DISPOSAL OF THIS PRODUCT. COMPONENT: TOLUENE CAS. NO: 000108-88-3.

%, 70-80, TPQ(LBS) NONE, RQ(LBS) 1 000, S313 YES, TSCA 12B: NO.

COMPONENT: ISOPROPANOL, CAS. NO: 00067-63-0, %, 20-30, TPQ(LBS) NONE, RQ(LBS) NONE, S313: NO, TSCA 12B: YES.

Federal Regulatory Information: US TSCA: THIS PRODUCT IS COMPLIANT WITH ALL PROVISIONS OF

THE TOXIC SUBSTANCES CONTROL ACT, 15 USC 2601 ET

SEQ. THIS PRODUCT CONTAINS CHEMICAL SUBSTANCE THAT IS SUBJECT TO EXPORT NOTIFICATION UNDER SECTION 12B OF TOXIC SUBSTANCES CONTROL ACT, 15 USC. 2601 ET SEQ. CANADA DSL: COMPONENTS OF THIS PRODUCT HAVE BEEN REPORTED TO ENVIRONMENT CANADA I/A/W SUBSECTION 25 OF CANADIAN ENVIRONMENTAL PROTECTION ACT & ARE INCLUDED ON DOMESTIC SUBSTANCES LIST. EINECS: ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED IN EUROPEAN INVENTORY OF EXISTING CHEMICAL SUB

STANCES (EINECS) IN COMPLIANCE

WITH COUNCIL DIRECTIVE 67/548/EEC & ITS AMENDMENTS.

State Regulatory Information: OTHER INFORMATION: NFPA HAZARD RATING

(NATIONAL FIRE PROTECTION ASSOCIATION): FIRE 3, HEALTH 2, 0

REACTIVITY SPECIAL. FIRE: LIQUIDS AND SOLIDS THAT CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS. HEALTH: MATERIALS WHICH ON INTENSE OR CONTINUED EXPOSURE COULD CAUSE TEMPORARY INCAPACITATION OR POSSIBLE RESIDUAL INJURY UNLESS PROMPT MEDICAL TREATMENT

IS GIVEN. REACTIVITY: MATERIALS WHICH IN THEMSELVES ARE

NORMALLY STABLE, EVEN UNDER FIRE EXPOSURE CONDITIONS, AND WHICH ARE NOT REACTIVE WITH WATER.

==== Other Information =====

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