

CONAP S-1

MSDS Number

BLBFD

National Stock Number

8040-01-265-3895

Product Name

CONAP S-1

Manufacturer

CONAP INC

Product Identification

Product ID: CONAP S-1
MSDS Date: 05/30/1989
FSC: 8040
NIIN: 01-265-3895
MSDS Number: BLBFD

Responsible Party

CONAP INC.
1405 BUFFALO STREET
OLEAN, NY 14760
US
Emergency Phone: 716-372-9650
Info Phone: 716-372-9650
Cage: 16245

Contractor

CONAP INC., WHOLLY OWNED SUBSIDIARY OF CYTEC INDUSTRIES
OLEAN, NY 14760
US
716-372-9650
Cage: 16245

Ingredients

TOLUENE (SARA III)
CAS: 108-88-3
RTECS: XS5250000
Fraction By Weight: >70%
OSHA PEL200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

ISOPROPYL ALCOHOL (SARA III)
CAS: 67-63-0
RTECS: NT8050000
Fraction By Weight:

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

PLACE IN NON-LEAKING CONTRS FOR PROPER DISP.

RTECS: 9999999ZZ

TAKE W/AN ABSORB MATL &

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:LD50:(ORAL RAT) 5.0 G/KG (TOLUENE)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:INHAL:BRTHG HIGH VAP CONC OR PRLNGD BRTHG OF LOWER CONC CAN CAUSE NOSE/THROAT IRRIT & MAY CAUSE HDCH/DIZZ/LOSS OF CONSCIOUSNESS/COMA/RESP FAILURE. OLFACTORY FATIGUE (SMELLING) COMMON. INGEST:MOD TOX. PULM ASPIR HAZ IF SWALLOWED & VOMOCCURS. (BRTHG THE MATL INTO THE LUNGS). EYE:LIQ IS HIGHLY (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:IRRITATING; VAPORS ARE ALSO IRRITATING. SKIN:LIQ IS MOD IRRITATING. RPTD/PRLNGD CONT CAN RSLT IN DEFATTING & DRYING WHICH MAY LEAD TO DERM. ABSORPTION PRACTICALLY NON TOX. CHRONIC:TARGET ORGA N

AFFECTED:ANEMIA/LEUCOPENIA/ENLARGED LIVER HAVE, IN RARE CASES, RSLTD FROM PRLNGD EXPOS. INHAL OF MATL (SEE SUPP DATA)

Medical Cond Aggravated by Exposure:DISEASES OF THE CENTRAL NERVOUS SYSTEM & LIVER.

First Aid

First Aid:EYE:FLUSH W/H*20 FOR AT LEAST 15 MINS WHILE HOLDING EYELIDS OPEN. GET MD. SKIN:WASH W/SOAP/H*20. REMOVE CONTAMD CLTHG/SHOES; DO NOT REUSE UNTIL CLEANED. IF PERSISTENT IRRIT OCCURS, GET MD. INHAL:REMOV E VICTIM TO FRESH AIR/PROVIDE O*2 IF BRTHG IS DFCLT. GIVE ARTF RESP IF NOT BRTHG. GET MD. INGEST:DO NOT GIVE LIQS. DO NOT INDUCE VOM. GET MD IMMED. SMALL AMTS WHICH MAY ENTER THE MOUTH (SEE SUPP DATA)

Fire Fighting

Flash Point Method:CC

Flash Point:40.0F,4.4C

Lower Limits:1.2%

Upper Limits:7.1%

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE & FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . EVACUATE HAZARD AREA OF UNPROTECTED PERSONNEL. COOL FIRE EXPOSED CONTAINERS W/WATER.

Unusual Fire/Explosion Hazard:VAPOR CAN TRAVEL DISTANCE TO IGNITION SOURCE & FLASH BACK.

Accidental Release

Spill Release Procedures:LGE:EVACUATE THE HAZ ARE OF UNPROTD PERS. WEAR APPROP RESP & PROT CLTHG. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE & CONTAIN. IF VAP CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS; CONTAIN R UN-OFF. REMOVE W/VACUUM TRUCKS OR (SEE SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL/DRY PLACE W/ADEQ EXPLOS-PROOF VENT. KEEP AWAY FROM HEAT/SPKS/OPEN FLAMES. KEEP CONTRS TIGHTLY CLSD.

Other Precautions:FLAMMABLE. ELIM ALL IGNIT SOURCES. GROUND EQUIP TO PVNT ACCUM OF STATIC CHARGE. IF POURING OR TRANSFERRING MATLS, CONTRS MUST BE BONDED/GROUNDED. DO NOT WELD/HEAT/DRILL ON OR NEAR CONTR; EVEN EMPTY CO NTRS CAN CONTAIN EXPLOS VAPS.

Exposure Controls

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUP EXPOSURE LIMITS, USE A NIOSH/MSHA APPRVD RESPIRATOR TO PVNT OVEREXPOS. I/A/W 29 CFR 1910.134, USE EITHER A ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESP IRATOR FOR ORGANIC VAPORS.

Ventilation:USE EXPLOSION PROOF VENTILATION SUFFICIENT TO CONTROL THE VAPOR CONCENTRATION.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKER GOGGLES .

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH AFTER HANDLING MATERIAL. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EFTS OF OVEREXP:WILL CAUSE LUNG/KIDNEY DAM. TEST ON LAB ANIMALS INDICATES MATL MAY PRDCE ADVERSE MUTAGENIC & REPRO EFTS. FIRST AID PROC:SHOULD BE RINSED OUT UNTIL NO TASTE OF THIS PROD REMAINS.

SPILL PROC:PUMP TO STOR/SALVAGE VESSELS. SOAKUP RESIDUE W/AN ABSORB SUCH AS CLAY/SAND/OTHER SUITABLE MATL; (SEE INGRED 3)

Chemical Properties

HCC:F2

Boiling Pt:B.P. Text:230F,110C

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

Vapor Pres:36.7

Vapor Density:3.2

Spec Gravity:0.86

Evaporation Rate & Reference:4.5 (BUTYL ACETATE=1)

Solubility in Water:0.08G/100 ML H2O

Appearance and Odor:COLORLESS, MOBILE LIQUID; BENZENE ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAME & CONTACT W/ STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:CARBON MONOXIDE & UNIDENTIFIED COMPOUNDS MAY BE FORMED DURING COMBUSTION.

Disposal

Waste Disposal Methods:DISPOSE ACCORDING TO LOCAL, STATE & FEDERAL REGULATIONS.

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