

CONAP INC -- CONATHANE CE-1155 PART B -- 8030-00-458-5666

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

Product ID:CONATHANE CE-1155 PART B

MSDS Date:03/01/1991

FSC:8030

NIIN:00-458-5666

Kit Part:Y

MSDS Number: BQSFC

=== Responsible Party ===

Company Name:CONAP INC

Address:1405 BUFFALO ST

City:OLEAN

State:NY

ZIP:14760

Country:US

Info Phone Num:716-372-9650

Emergency Phone Num:716-372-9650

Preparer's Name:GE

ORGE C. KARPIN

CAGE:DO146

=== Contractor Identification ===

Company Name:CONAP INC

Address:1405 BUFFALO ST

City:OLEAN

State:NY

ZIP:14760-1139

Phone:716-372-9650

CAGE:DO146

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). VP: 36.7. VAP DENS: 3.2. FL PT: 45F.

CAS:108

-88-3
RTECS #:XS5250000
Fraction by Wt: 10-30%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ACETIC ACID, 2-METHOXY-1- METHYLETHYL; (PROPYLENE GLYCOL
METHYL ETHER ACETATE)
CAS:108-65-6
RTECS #:AI8295000
Fraction by Wt: 10-30%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:VOLATILE ORGANIC COMPOUNDS: 318 G/LITER VOC'S AND 318
G/LITER VOC'S (LESS WATER AND EXEMPT COMPOUNDS).
RTECS #:9999999VO

Ingred Name:SUPP DATA:SUITABLE MATL; P
LACE IN NON-LEAKING CNTNRS FOR
PROPER DISP.FLUSH AREA W/WATER TO REMOVE TRACE RESIDUE; (ING 5)
RTECS #:9999999ZZ

Ingred Name:ING 4:DISP OF FLUSH SOLNS AS ABOVE.SM:TAKE UP W/ABSORB MATL
& PLACE IN NON-LEAKING CNTNRS;SEAL TIGHTLY FOR PROPER DISP.
RTECS #:9999999ZZ

Ingred Name:HLTH HAZ: NOTE: TOLUENE CAS# 108-88-3 APPEARS ON THE NAVY
LISTING OF OCCUP CHEMICAL REPRO HAZARDS. CONSULT WITH (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6: APPROP HEALTH PROFESSIONALS CONCERNING LATEST HAZARD
LIST INFO AND SAFE HANDLING & EXPOS RECOMMENDATIONS .
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:MATL MAY PRESENT A DUST HAZARD IF CUT,
GROUND/MACHINED AFTER CURING. MATL MAY PROD TOX COMBUST (ING 9)
RTECS #:9999999ZZ

Ingred Name:ING 8: BYPRODUCTS IF SOLDERED THROUGH. USE PROPER
VENTILATION.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50: (ORAL, RAT) 5.0 G/KG (TOLUENE).
Routes of Entry: Inhalation:YES Skin:YES Ingesti

on: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 FATG (SMELLING) COMMON. ING EST:MOD TOX. PULM ASPIRATION HAZ IF SWALLOWED & VOMIT OCCURS. (BRTHG THE MATL INTO LUNGS). EYE: LIQ (EFTS OF OVEREXPOS)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposur

e:HLTH HAZ:IS HIGHLY IRRITATING; VAPS ARE ALSO IRRITATING.SKIN CONT:LIQ IS MOD IRRITATING. RPTD/PRLNGD CONT CAN RSLT IN DEFAT & DRYING OF SKIN WHICH MAY LEAD TO DERM.SKIN ABSORPTION: PRACTICALLY NON TOX . TARGET ORGANS AFFECTED: ANEMIA, LEUCOPENIA & ENLARGED LIVER LIVER HAVE, IN RARE CASES RSLTD FROM PRLNG OVEREXP.(ING 6)

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

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

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First Aid:EYE:FLUSH W/WATER FOR @ LST 15 MINS WHILE HOLDING LIDS OPEN. GET MED ATTN. SKIN:WASH W/SOAP & WATER.REMOVE CONTAMD CLTHG & SHOES; DO NOT REUSE UNTIL CLEANED. IF PERSISTENT IRRIT OCCURS, GET MED ATTN. INHAL: MOVE TO FRESH AIR & PROVIDE OXYGEN IF BRTHG IS DFCLT. GIVE ARTF RESP IF NOT BRTHG. GET MED ATTN. INGEST:DO NOT GIVE LIQS OR INDUCE VOMIT. OBTAIN A MD IMMED. SM AMTS WHICH MAY ENTER (SUPP DATA)

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

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Flash Point Method:CC

Flash Point:ING 1

Lower Limits:1.3%

Upper Limits:6.7%

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM.

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

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CONSULT SECTION ON CONTROL MEASURES FOR PROP

ER

PROT EQUIP. WARNING! FLAMM. ELIM ALL IGNIT SOURCES. HNDLG EQUIP MUST BE GROUNDED TO PVNT SPKG. LG SPILLS:EVAC HAZ AREA OF UNPROTECTED PERS. WEAR APPROP N IOSH/MSHA RESP & PROT CLTHG. SHUT OFF (SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPKS & OPEN FLAMES.KEEP CNTNRS TIGHTLY CLSD.STORE AWAY FROM STRONG OXIDIZING AGENTS IN COOL, DR Y PLACE W/ADEQ EXPLO-PROOF VENT.

Other Precautions:GROUND EQUIP TO PVNT ACCUMULATION OF STATIC CHARGE.IF POURING/TRANSFERRING MATLS, CNTNRS MUST BE BONDED & GROUNDED.DO NOT WELD, HEAT/DRILL ON/NEAR CNTNR; EVEN EMPTY CNTNRS CAN CONTAIN EXPLO VAPS. LAUN DER CONTAMD CLTHG BEFORE REUSE. (ING 8)

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

Respiratory Protection:IF EXPOSURE MAY/DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE NIOSH/MSHA APPROVED RESPIRATOR TO PREV ENT

OVEREXPOSURE.IN ACCORD W/29 CFR 1910.134, USE EITHER ATMOSPHERE-SUPPLYING RESP/AIR-PURIFYING RESP FOR ORGANIC VAPORS.

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

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

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

Work Hygienic Practices:WASH AFTER HANDLING MATERIAL.

Supplemental Safety and Health

FIRST AID PROC: THE MO

UTH SHLD BE RINSED OUT UNTIL NO TASTE OF PROD

REMAINS. SPILL PROC:SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE & CONTAIN.IF VAP CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS; CONT AIN RUN-OFF.REMOVE W/VACUUM TRUCKS/PUMPTO STOR/SALVAGE VESSELS.SOAK UP RESIDUE W/ABSORB SUCH AS CLAY, SAND/OTHER(ING 4)

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

Vapor Pres:ING 1

Vapor Density:ING 1

Spec Gravity:0.953 (H*2O=1)

Solubility in Water:PARTIAL

Appearance and Odor:C

OLORLESS, MOBILE LIQUID; BENZENE ODOR.

Percent Volatiles by Volume:33

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.

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

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

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te Disposal Methods:DISPOSE ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.

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