

DOD Hazardous Materials Information System  
DoD 6050.5-L  
AS OF July 1998

FSC: 8010  
NIIN: 00N059101  
Manufacturer's CAGE: 25461  
Part No. Indicator: A  
Part Number/Trade Name: CLEAR FINISH PREMIUM VARNISH SATIN SHEEN, 16055 QT

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General Information

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Item Name:  
Company's Name: ZYNOLYTE PRODUCTS CO  
Company's Street: 2320 E DOMINGUEZ ST  
Company's P. O. Box:  
Company's City: CARSON  
Company's State: CA  
Company's Country: US  
Company's Zip Code: 90749-6244  
Company's Emerg Ph #: 213-542-7701;800-424-9300(CHEMTREC)  
Company's Info Ph #: 213-513-0700  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: N  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 12MAY88  
Safety Data Review Date: 24APR95  
Supply Item Manager:  
MSDS Preparer's Name:  
Preparer's Company:  
Preparer's St Or P. O. Box:  
Preparer's City:  
Preparer's State:  
Preparer's Zip Code:  
Other MSDS Number:  
MSDS Serial Number: BXGMH  
Specification Number:  
Spec Type, Grade, Class:  
Hazard Characteristic Code:  
Unit Of Issue:  
Unit Of Issue Container Qty:  
Type Of Container:  
Net Unit Weight:

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NRC/State License Number:  
Net Explosive Weight:  
Net Propellant Weight-Ammo:  
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO

Ingredient: SILICA GEL; (AMORPHOUS SILICA)

Ingredient Sequence Number: 01

Percent: N/K

Ingredient Action Code:

Ingredient Focal Point: N

NIOSH (RTECS) Number: VV7310000

CAS Number: 112945-52-5

OSHA PEL: 6 MG/M3

ACGIH TLV: 10 MG/M3

Other Recommended Limit: N/K

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Proprietary: NO

Ingredient: SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC; (MEDIUM MINERAL SPIRITS)

Ingredient Sequence Number: 02

Percent: N/K

Ingredient Action Code:

Ingredient Focal Point: N

NIOSH (RTECS) Number: 1003692SN

CAS Number: 64742-88-7

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Other Recommended Limit: 100 PPM (MFR)

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Proprietary: NO

Ingredient: BUTYL ALCOHOL; (N-BUTYL ALCOHOL) (SARA 313) (CERCLA). VP:5.5 @ 20C.

Ingredient Sequence Number: 03

Percent: N/K

Ingredient Action Code:

Ingredient Focal Point: N

NIOSH (RTECS) Number: E01400000

CAS Number: 71-36-3

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM, S, C

Other Recommended Limit: N/K

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Proprietary: NO

Ingredient: NON-HAZARDOUS POLYMER (TYPE NOT SPECIFIED)

Ingredient Sequence Number: 04

Percent: N/K

Ingredient Action Code:

Ingredient Focal Point: N

NIOSH (RTECS) Number: 1003726NP

CAS Number:

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OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Other Recommended Limit: N/K

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Proprietary: NO

Ingredient: POLYAMIDE POLYMER

Ingredient Sequence Number: 05

Percent: N/K

Ingredient Action Code:

Ingredient Focal Point: N

NIOSH (RTECS) Number: 1006432PP

CAS Number:  
 OSHA PEL: N/K (FP N)  
 ACGIH TLV: N/K (FP N)  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: XYLENE (SARA 313) (CERCLA). VP:25 @ 20C.  
 Ingredient Sequence Number: 06  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: ZE2100000  
 CAS Number: 1330-20-7  
 OSHA PEL: 100 PPM  
 ACGIH TLV: 100 PPM;150 STEL  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: ETHANE, 1,1,1-TRICHLORO-; (1,1,1-TRICHLOROETHANE) (SARA 313)  
 (CERCLA)  
 Ingredient Sequence Number: 07  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: KJ2975000  
 CAS Number: 71-55-6  
 OSHA PEL: 350 PPM  
 ACGIH TLV: 350 PPM;450 STEL  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: SUPDAT:SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS &  
 COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (ING 9)  
 Ingredient Sequence Number: 08  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: 9999999ZZ  
 CAS Number:  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: ING 8:(E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR  
 LIFE-SUSTAINING USES IN HUMANS ACUTELY OR (ING 10)  
 Ingredient Sequence Number: 09  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: 9999999ZZ  
 CAS Number:  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: ING 9:CHRONICALLY EXPOSED TO CHLOROCARBONS (FP N).

Ingredient Sequence Number: 10  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: 9999999ZZ  
 CAS Number:  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: OTHER PREC:CAUSE THE FORMATION OF HCL &/OR PHOSGENE (FP N).  
 Ingredient Sequence Number: 11  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: 9999999ZZ  
 CAS Number:  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: RESP PROT:MASK, NEG PRESS, VAP PARTICULATE RESP (TC-230) FOR  
 PAINTS, LACQUERS & ENAMELS MAY BE SUBSTITUTED. IN (ING 13)  
 Ingredient Sequence Number: 12  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: 9999999ZZ  
 CAS Number:  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: ING 12:NO CASE CAN THE HALF MASK RESP BE USED UNLESS WEARER

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HAS BEEN PROPERLY FIT TESTED FOR RESP. FOR SPRAY (ING 14)  
 Ingredient Sequence Number: 13  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: 9999999ZZ  
 CAS Number:  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE  
 Other Recommended Limit: N/K

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 Proprietary: NO  
 Ingredient: ING 13:PAINTING, A NIOSH/MSHA APPRVD POS PRESS SUPPLIED AIR  
 RESPIRATOR (TC-190) IS REQUIRED.  
 Ingredient Sequence Number: 14  
 Percent: N/K  
 Ingredient Action Code:  
 Ingredient Focal Point: N  
 NIOSH (RTECS) Number: 9999999ZZ  
 CAS Number:  
 OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE  
Other Recommended Limit: N/K

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Proprietary: NO  
Ingredient: OTHER PROT EQUIP:WHILE SOLV ODOR IS RETAINED IN THEM. PROT  
CREAMS:DO NOT USE FOR PROT. MAY BE USED FOR EASE OF CLEAN UP.  
Ingredient Sequence Number: 15  
Percent: N/K  
Ingredient Action Code:  
Ingredient Focal Point: N  
NIOSH (RTECS) Number: 9999999ZZ  
CAS Number:  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE  
Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.

Boiling Point: >0F,>-18C

Melting Point: N/K

Vapor Pressure (MM Hg/70 F): SEE INGS

Vapor Density (Air=1): HVR/AIR

Specific Gravity: 0.81-1.72(FP N)

Decomposition Temperature: N/K

Evaporation Rate And Ref: LESS THAN ETHER

Solubility In Water: MISCIBLE

Percent Volatiles By Volume: SUPDAT

Viscosity:

pH: N/K

Radioactivity:

Form (Radioactive Matl):

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Magnetism (Milligauss):

Corrosion Rate (IPY): N/K

Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: >20F,>-7C

Flash Point Method: CC

Lower Explosive Limit: 0.8%

Upper Explosive Limit: 0.8%

Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA &  
FULL PROTECTIVE EQUIPMENT (FP N). WATER FROM FOG NOZZLES MAY BE USED TO  
PREVENT PRESSURE BUILD-UP.

Unusual Fire And Expl Hazrds: THERMAL DECOMP PRODS MAY INCL HCL & PHOSGENE  
(FP N). WHEN HEATED ABOVE FLASH POINT, EMITS FLAMM VAPS WHICH, WHEN MIXED  
W/AIR CAN BURN/BE EXPLO. FINE (SUPP DATA)

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: NONE REASONABLY FORESEEABLE.

Hazardous Decomp Products: HCL, PHOSGENE (FP N). CO, CO\*2, SMOKE, OXIDES  
OF HEAVY METALS REPORTED IN HLTH HAZARD DATA.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: INHAL:MAY CAUSE NOSE & THROAT IRRIT. MAY CAUSE NERV SYS DEPRESS CHARACT BY FOLLOWING PROGRESSIVE STEPS:HDCH, DIZZ, NAUS, STAG GAIT, CONFUSN, UNCON. RPTS HAVE ASSOC RPTD & PRLNG OVEREXP TO SOLV W/PERM BRAIN & NERV SYS DMG. SKIN/EYE CONT:MAY CAUSE IRRIT/BURNING OF EYES. RPTD/PRLNG LIQ CONT MAY CAUSE SKIN(EFTS OF OVEREXP)

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: HLTH HAZ:IRRIT W/DISCOMFORT & DERM. INGEST: GI DISTRESS. ING 2:LAB STUDIES W/RATS HAVE SHOWN THAT PETRO DISTILS CAUSE KIDNEY DMG & KIDNEY/LIVER TUMORS. ING 3:LIQ SPLASHES IN EYE MAY RSLT IN CHEM BURNS. MAY CAUSE ABNORMAL LIVER/KIDNEY FUNC. ING 6:HIGH CONCS HAVE CAUSED EMBRYOTOXIC EFTS IN LAB ANIMALS. RECURRENT (SUPDAT)

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTF RESP, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING DIFFICULTY PERSISTS OR OCCURS LATER, CONSULT MD. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL MD. SKIN:WASH W/SOAP & WATER. IF IRRITATION OCCURS,

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CONTACT MD. INGEST:CALL MD IMMEDIATELY & HAVE NAMES OF INGREDIENTS AVAILABLE.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: VENTILATE AREA. REMOVE SOURCES OF IGNITION. PREVENT SKIN CONTACT & BREATHING OF VAPOR. CONFINE & REMOVE W/INERT ABSORBENT.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL I/A/W FEDERAL, STATE & LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED CONTAINERS.

Precautions-Handling/Storing: COMBUSTIBLE LIQUID. OBSERVE LBL PRECS. KEEP AWAY FROM HEAT, SPKS & FLAME. CLOSE CNTNR AFTER EACH USE. GROUND CNTNRS WHEN POURING. DO NOT STORE >120F.

Other Precautions: DO NOT SAND, FLAME CUT, BRAZE/WELD DRY COATING W/OUT NIOSH/MSHA APPRVD RESP/APPROP VENT. DO NOT BREATHE VAPS/MISTS. NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING, OPEN FLAMES/HOT SURFS. HEAT &/OR UV RADIA MAY (ING 11)

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Control Measures

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Respiratory Protection: FOR MIXING & BRUSH/ROLL APPLICATION, NIOSH/MSHA APPRVD POS PRESS SUPPLIED AIR RESP IS REC, UNLESS MONITORING DATA CONFIRMS EXPOS TO SOLVS WILL BE BELOW 10 TIMES TLV. IF EXPOS ARE BELOW OUTLINED LIMS, THEN NIOSH/MSHA APPRVD HALF (ING 12)

Ventilation: PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.

Protective Gloves: IMPERMEABLE GLOVES (E.G., NEOPRENE).

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET

ANSI DESIGN CRITERIA (FP N). WEAR COVERALLS. DO NOT REUSE COVERALLS(ING 15)  
 Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR  
 SMOKING.

Suppl. Safety & Health Data: % VOLAT:28.7-96.9. EXPLO HAZ:MISTS/SPRAYS MAY  
 BE FLAMM AT TEMPS BELOW FLASH POINT. EFTS OF OVEREXP:OVEREXP MAY RSLT IN  
 LIVER & KIDNEY INJURY. CAN BE ABSORBED THRU SKIN IN HARMFUL AMTS. ING 7:  
 CAN BE ABSORBED THRU SKIN IN HARMFUL AMTS. MAY CAUSE ABNORMAL KIDNEY/LIVER  
 FUNCTION. CHLOROCARBON MATLS HAVE PRODUCED (ING 8)

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Transportation Data

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Transportation Action Code:  
 Transportation Focal Point:  
 Trans Data Review Date:  
 DOT PSN Code:  
 DOT Symbol:  
 DOT Proper Shipping Name:  
 DOT Class:  
 DOT ID Number:  
 DOT Pack Group:  
 DOT Label:  
 DOT/DoD Exemption Number:

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IMO PSN Code:  
 IMO Proper Shipping Name:  
 IMO Regulations Page Number:  
 IMO UN Number:  
 IMO UN Class:  
 IMO Subsidiary Risk Label:  
 IATA PSN Code:  
 IATA UN ID Number:  
 IATA Proper Shipping Name:  
 IATA UN Class:  
 IATA Subsidiary Risk Class:  
 IATA Label:  
 AFI PSN Code:  
 AFI Symbols:  
 AFI Prop. Shipping Name:  
 AFI Class:  
 AFI ID Number:  
 AFI Pack Group:  
 AFI Label:  
 AFI Special Prov:  
 AFI Basic Pac Ref:  
 MMAC Code:  
 N.O.S. Shipping Name:  
 Additional Trans Data:

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Disposal Data

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Disposal Data Action Code:  
 Disposal Data Focal Point:  
 Disposal Data Review Date:  
 Rec # For This Disp Entry:  
 Tot Disp Entries Per NSN:  
 Landfill Ban Item:  
 Disposal Supplemental Data:  
 1st EPA Haz Wst Code New:  
 1st EPA Haz Wst Name New:

1st EPA Haz Wst Char New:  
 1st EPA Acute Hazard New:  
 2nd EPA Haz Wst Code New:  
 2nd EPA Haz Wst Name New:  
 2nd EPA Haz Wst Char New:  
 2nd EPA Acute Hazard New:  
 3rd EPA Haz Wst Code New:  
 3rd EPA Haz Wst Name New:  
 3rd EPA Haz Wst Char New:  
 3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES  
 Technical Review Date: 24APR95  
 Label Date: 24APR95  
 MFR Label Number:

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Label Status: G  
 Common Name: CLEAR FINISH PREMIUM VARNISH SATIN SHEEN, 16055 QT  
 Chronic Hazard: NO  
 Signal Word: DANGER!  
 Acute Health Hazard-None:  
 Acute Health Hazard-Slight:  
 Acute Health Hazard-Moderate: X  
 Acute Health Hazard-Severe:  
 Contact Hazard-None:  
 Contact Hazard-Slight:  
 Contact Hazard-Moderate: X  
 Contact Hazard-Severe:  
 Fire Hazard-None:  
 Fire Hazard-Slight:  
 Fire Hazard-Moderate:  
 Fire Hazard-Severe: X  
 Reactivity Hazard-None: X  
 Reactivity Hazard-Slight:  
 Reactivity Hazard-Moderate:  
 Reactivity Hazard-Severe:  
 Special Hazard Precautions: EXTREMELY FLAMMABLE. ACUTE:INHALATION OF  
 VAPORS MAY CONTRIBUTE TO THE OCCURRENCE OF IRREGULAR HEARTBEAT (FP N).  
 INHAL:MAY CAUSE NOSE & THROAT IRRITATION. MAY CAUSE NERVOUS SYSTEM  
 DEPRESSION CHARACTERIZED BY FOLLOWING PROGRESSIVE STEPS:HEADACHE,  
 DIZZINESS, NAUSEA, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS. REPORTS  
 HAVE ASSOCIATED REPEATED & PROLONGED OVEREXPOSURE TO SOLVENT W/PERMANENT  
 BRAIN & NERVOUS SYSTEM DAMAGE. SKIN OR EYE CONTACT:MAY CAUSE IRRITATION OR  
 BURNING OF EYES. REPEATED OR PROLONGED LIQUID CONTACT MAY CAUSE SKIN  
 IRRITATION. INGEST:GASTROINTESTINAL DISTRESS. CHRONIC:NONE LISTED BY  
 MANUFACTURER.  
 Protect Eye: Y  
 Protect Skin: Y  
 Protect Respiratory: Y  
 Label Name: ZYNOLYTE PRODUCTS CO  
 Label Street: 2320 E DOMINGUEZ ST  
 Label P.O. Box:  
 Label City: CARSON  
 Label State: CA  
 Label Zip Code: 90749-6244  
 Label Country: US  
 Label Emergency Number: 213-542-7701;800-424-9300(CHEMTREC)

Year Procured: