ALIPHATIC ISOCYANATE 03GY219CAT,COMPONENT B

MSDS Number

BHCPK

National Stock Number

8010-01-157-1034

Product Name

ALIPHATIC ISOCYANATE 03GY219CAT,COMPONENT B

Manufacturer

DEFT INC

Product Identification

Product ID:ALIPHATIC ISOCYANATE 03GY219CAT,COMPONENT B
MSDS Date:03/20/1989
FSC:8010
NIIN:01-157-1034
Kit Part:Y
MSDS Number: BHCPK

Responsible Party

DEFT, INC.

17451 VON KARMAN AVENUE

IRVINE , CA 92714

US

Emergency Phone: 714-474-0400

Info Phone: 714-474-0400

Cage: DO188

Contractor

DEFT, INC.

IRVINE, CA 92714

US

800-424-9300

Cage: DO188

Ingredients

METHYL ISOBUTYL KETONE (SARA III)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: 10%.

OSHA PEL100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 5%.

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight:

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ALIPHATIC ISOCYANATE

CAS: 28182-81-2

RTECS: NQ9170000

Fraction By Weight: 30%.

1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS: 822-06-0

RTECS: MO1740000

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight:

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight:

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 45%.

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:VAPORS ARE IRRITATING TO EYES,NOSE & THROAT. INHALE MAY CAUSE HEADACHE,DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS.CHRONIC:PREVIOUS REPEATED OVEREXPOSURE OR A SINGLE LARGE DOSE,MAY DEVELOP ISO CYANATE SENSITIZATION WHICH WILL CAUSE REACT TO LATER EXPOSURE OF ISOCYANATE LEVELS WELL BELOW TLV VALUE OF ISOCYANATES.
Effects of Overexposure:INHALE-IRRITAT OF RESPIR TRACT & ACUTE NERVOUS SYSTEM DEPRESS CHARACTERIZED BY HEADACHE,DIZZINESS,STAGGERING GAIT,CONFUSION,UNCONSCIOUS OR COMA.SKIN-IRRITATION SUCH AS SWELLING,REDNESS & RASH.EYES-TEA RING,REDNESS & SWELLING.INGESTION-IRRITATION & POSSIBLE CORROSIVE ACTION IN THE MOUTH,STOMACH TISSUE & DIGESTIVE TRACT.
Medical Cond Aggravated by Exposure:ASTHMA & ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. 2-ETHOXYETHYL ACETATE MAY BE ABSORBED THRU THE SKIN, & HAS BEEN SHOWN TO BE A REPRODUCT HEALTH HAZARD IN TEST ANIMALS.

First Aid

First Aid:INHALE-MOVE WHERE FREE FROM RISK OF FURTHER EXPOS.RESTORE BREATH.ASTHMATIC TYPE SYMP MAY DEVELOP & MAY BE IMMED OR DELAY BY SEV HRS. OBTAIN MED ATTN.SKIN-REMOVE CONTAM CLOTH.WASH AFFECTED AREAS THOROU GHLY W/SOAP & WATER.WASH CONTAM CLOTH THOROUGHLY BEFORE REUSE.EYES-FLUSH W/CLEAN LUKEWARM WATER(LOW PRESS)AT LEAST 15 MIN OCCASION LIFT EYELID.OBTAIN MED ATTN.INGEST-DO NOT INDUCE VOMIT.OBTAIN MED ATT

Fire Fighting

Flash Point Method:TCC
Flash Point:23F/-5C
Lower Limits:1.%
Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.
Fire Fighting Procedures:EQUIP W/SELF-CONTAIN BREATH APPARAT & FULL PROTECT CLOTH SHLD BE WORN. WATER MAY BE USED TO COOL CLSD CONTAIN TO PREVENT PRESS BUILD-UP,AUTO IGNITION OR EXPLOS.
Unusual Fire/Explosion Hazard:KEEP CONTAIN TIGHTLY CLSD.ISOLATE FROM HEAT,SPARKS,ELEC EQUIP & OPEN FLAMES.CLSD CONTAIN MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.OVEREX TO DECOMP PROD-HLTH HAZ

Accidental Release

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME,SPARKS SOURCES,HOT SURFACES). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Handling

Handling and Storage Precautions:BLDGS DESIGNED TO COMPLY W/OSHA 1910.106.AVOID STORING NEAR HIGH TEMPS,FIRE,OPEN FLAMES & SPARK SOURCE.STORE IN TIGHT CLOSED CONTAIN IN WELL VENT AREA
Other Precautions:KEEP CNTNR TIGHT & UPRIGHT TO PREVENT LEAK.PREVENT

PROLONG BREATH OF VAPORS OR SPRAY MIST.AVOID CONTACT W/SKIN & EYES.DO NOT TAKE INTERN.DO NOT HNDLE UNTIL MFR SAFETY PRECAUTS HAVE BEEN READ & UNDRSTD .PROLONG OVEREXPOS MAY CAUSE ALLERG REAC

Exposure Controls

Respiratory Protection:RESPIR RECOMMEND OR APPROVED FOR USE IN AN ORGANIC VAPOR ENVIRON (AIR PURIFYING OR FRESH AIR SUPPLIED)IS NECESSARY.OBSERVE OSHA REGS FOR RESPIRATOR USE.VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURE LEVELS BELOW THE OSHA PERMISSIBLE LIMITS
Ventilation:EXHAUST VENT SUFFICIENT TO KEEP AIRBORNE CONCENTRAT OF SOLVENT,HDI & POLYISOCYANATE BELOW THEIR RESPECT TLV MUST BE USED
Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE GLOVES.
Eye Protection:SAFETY EYEWEAR INCLUDING SPLASH GUARDS.
Other Protective Equipment:LONG SLEEVE AND LONG LEG CLOTHING.
Work Hygienic Practices:WASH HANDS BEFORE EATING,SMOKING OR USING WASHROOM.SMOKE IN SMOKING AREAS ONLY.
Supplemental Safety and Health
(EYE PROTECTION) OR SIDE SHIELDS,CHEMICAL GOGGLES OR FACESHIELDS. (RESPIRATORY PROTECTION) USE AN AIR SUPPLIED RESPIRATOR IF THE TLV VALUE OF HDI IS OVER THE PERMISSIBLE LIMIT. (EFFECTS OF OVEREXPOSUR E-INGESTION) VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT, RESULTING IN CHEMICAL PNEUMONITIS.

Chemical Properties

Boiling Pt:B.P. Text:175F - 313F
Vapor Density:>AIR
Evaporation Rate & Reference:3.56 X N-BUTYL ACETATE
Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR.
Percent Volatiles by Volume:76.8

Stability

Stability Indicator/Materials to Avoid:YES
WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTIVE MATERIALS.
Stability Condition to Avoid:CONTACT WITH MOISTURE, MATERIALS WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES.
Hazardous Decomposition Products:BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN, TRACES OF HCN AND HDI.
Conditions to Avoid Polymerization:CONTACT WITH MOISTURE, MATERIALS WHICH REACTS WITH ISOCYANATES AND HIGH TEMPERATURES.

Disposal

Waste Disposal Methods:DISPOSE IAW FEDERAL,STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS.

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