

MIL-T-81772 THINNER

MSDS Number

BDGNZ

National Stock Number

8010-00-181-8079

Product Name

MIL-T-81772 THINNER

Manufacturer

ASHLAND CHEMICAL CO

Product Identification

Product ID: MIL-T-81772 THINNER

MSDS Date: 01/01/1985

FSC: 8010

NIIN: 00-181-8079

MSDS Number: BDGNZ

Responsible Party

ASHLAND CHEMICAL CO

COLUMBUS , OH 43216

US

Emergency Phone: 606-324-1133

Info Phone: 614-889-3333

Cage: 5A188

Contractor

ASHLAND CHEMICAL CO

DUBLIN, OH 43017

US

614-889-4505

Cage: 5A188

Ingredients

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

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 30.0%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 10.0%

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

2-ETHOXYETHANOL (EGEE) (SARA III)

CAS: 110-80-5

RTECS: KK8050000

Fraction By Weight: 40.0%

OSHA PELS,200 PPM

ACGIH TLV: S, 5 PPM; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 12.0%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

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

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 8.0%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure:EYES:CAN CAUSE SEVER IRRITN.SKIN:PROLNGD/REPTD
CONT CAN CAUSE IRRITN/DEFATTNG.INHAL:*SEE SUPP DATA

First Aid

First Aid:SKIN:WASH W SOAP/WATER.EYES:FLUSH W.LARGE AMT OF
WATER.INHAL:REMOVE PERSON TO FRESH AIR.GIVE QUIET/WARM.GET MED
ATTN.INGEST:DO NOT INDUCE VOMITING.KEEP PERSON WARM/QUIET.GET MED
ATTN.

Fire Fighting

Flash Point:Lower Limits:1.0

Upper Limits:UNK

Extinguishing Media:REGULAR FOAM, CO*2 OR DRY CHEMICAL

Fire Fighting Procedures:SELF-CNTND BRTHG APP W FULL FACEPIECE OPRATD
IN POS PRE.MODE

Unusual Fire/Explosion Hazard:NEVER USE WELDING/CUTTING TORCH ON/NEAR
CONTNR(EVEN EMPTY)BECAUSE PRODUCT CAN IGNITE EXPLOSIVELY.

Accidental Release

Spill Release Procedures:SMALL SPILL:USE ABSORBENT MATL & TRANSFER TO HOOD.LARGE SPILL:ELIM.ALL IGN SOURCES.PERSONS W/O PROTEC EQUIP SHOULD EVAC AREA.STOP SPILL AT SOURCE.DIKE SPILL AREA.PUMP LIQ TO SALVAGE TANK.ABSORB REMAIN G LIQ ON ABSORBENT MATL & SHOVEL INTO CONTAINERS.

Handling

Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHY.DAMAGE.KEEP CONTNR CLOSURE TIGHT.USE PROTECTIVE EQUIP DURING HNDLNG/STORING.

Other Precautions:EMPTY CONTR OF MATL MAY BE HAZ.OBSERVE ALL HAZ. PRECAUTIONS GIVEN IN THIS SHEET.

Exposure Controls

Respiratory Protection:USE SELF-CONTAINED BREATHG APP.JOINTLY APPROVED BY NIOSH/MESA.

Ventilation:PROVIDE MECHANICAL(GEN) TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:NEOPRENE

Eye Protection:CHEM SPLASHGOGG/SAFETYGLA

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING & BOOTS TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

*CAN CAUSE NASAL/RESP IRRITN,NAUSEA,ANESTHESIA,HEADACHES,ETC.INGEST:CAN CAUSE GASTROINTESTINAL IRRITN,VOMTNG,DIARR & PNEUMONITIS.

Chemical Properties

HCC:F3

Boiling Pt:B.P. Text:176F,80C

Vapor Pres:71

Vapor Density:>1.0

Spec Gravity:Evaporation Rate & Reference:>1.0(ETHER)

Solubility in Water:PARTIAL

Appearance and Odor:CLEAR LIQUID,MILD ODOR

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,CORROSIVE MATL.

Stability Condition to Avoid:SOURCE OF IGNITION

Hazardous Decomposition Products:CO*2,CO,VARIOUS HYDROCARBONS,ETC.

Conditions to Avoid Polymerization:UNK

Disposal

Waste Disposal Methods:SM SPILL:LET VOLATILE PORTION EVAP IN HOOD & CLEAR HOOD AREA.DESTROY REMAINING MATL BY BURNING IN IRON PAN.LARGE SPILL:DESTROY BY LIQ INCINERATION.MATL COLLECTED ON ABSORBENT MATL MAY BE DEPOSITED IN POSTED TOXIC SUBSTANCE LANDFILL IAW LOCAL REGS.

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