B200 LUBRICANT

MSDS Number

BBFHL

National Stock Number

6850-00D001525

Product Name

B200 LUBRICANT

Manufacturer

SUNNEN PRODUCTS COMPANY

Product Identification

Product ID:B200 LUBRICANT
MSDS Date:08/15/1987
FSC:6850
NIIN:00D001525
MSDS Number: BBFHL

Responsible Party

SUNNEN PRODUCTS COMPANY

7910 MANCHESTER AVE

ST. LOUIS , MO 63143-2712

US

Emergency Phone: (314) 781-2105

Preparer: TERRY HELLER,MGR MTLS R&D

Cage: 58436

Contractor

SUNNEN PRODUCTS CO

SAINT LOUIS, MO 63143-2712

US

314-781-2100

Cage: 58436

Ingredients

METHYL CHLOROFORM (1,1,1-TRICHLOROEHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: SEE # 4%

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TERT-BUTYL ALCOHOL (SARA III)

CAS: 75-65-0

RTECS: EO1925000

Fraction By Weight: SEE # 4%

OSHA PEL100 PPM

ACGIH TLV: 100PPM 9394

1,2-BUTYLENE OXIDE (SARA III)

CAS: 106-88-7

RTECS: EK3675000

Fraction By Weight: SEE # 4%

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

METHYLAL (DIMETHOXYMETHANE)

CAS: 109-87-5

RTECS: PA8750000

Fraction By Weight: 59.5%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

METHYLAL (DIMETHOXYMETHANE)

CAS: 109-87-5

RTECS: PA8750000

Fraction By Weight: SEE # 6%

ACGIH TLV: 800PPM

ISOBUTANE

CAS: 74-98-6

RTECS: TX2275000

Fraction By Weight: 30%

OSHA PEL1000 PPM

ACGIH TLV: ASPHYXIANT; 9192

TALL OIL POLYMER

CAS: 70900-00-4

Fraction By Weight: 10.5%

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50 ORAL RAT >10000MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:EYE:PAIN,IRRITATION,CORNEAL INJURY;SKIN:IRRITATION,DRYING,FLAKING;INHALATION:PROPELLANT IS ASPHYXIANT,SOLVENT IS ANESTHETIC,CAUSES IRRIT.OF RESP.TRACK OR ACUTE CNS DEPRESS.CHARACTERIZED BY THE FOLLOWI NG PROGRESSIVE STEPS:EYE WATERING,HEADACHE,DIZZINESS,STAGGERING GAIT,CONFUSION,CARDIAC ARRHYTMIAS-SEE SUPPLEMENTAL DATA-
Explanation of Carcinogenicity:MANUFACTURER STATES NO CARCENOGENIC INGREDIENTS.

Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:EXPOSURE MAY INCREASE MYOCARDIAL IRRITABILITY

First Aid

First Aid:EYE:FLUSH WITH WATER FOR 15 MINUTES.SEEK MEDICAL ATTENTION;SKIN:WASH WITH SOAP & WATER.SEEK MEDICAL ATTENTION;INHALATION:REMOVE TO FRESH AIR.GIVE CPR/O*2 IF NEEDED.SEEK MEDICAL ATTENTION;INGESTION:DO NOT INDUCE VOMIT.SEE DOCTOR IMMEDIATELY.IF LAVAGE PERFORMED,SUGGEST ENDOTRACHEAL &/OR ESOPHAGEAL CONTROL.DO NOT GIVE SYMPATHOMIMETIC DRUGS UNLESS ABSOLUTELY NECESSARY.NO SPECIFIC ANTIDOTE.SUPPORTIVE.

Fire Fighting

Lower Limits:6.0
Upper Limits:16.7
Extinguishing Media:FOAM,CO*2,DRY CHEMICAL,WATER FOG
Fire Fighting Procedures:WEAR SCBA. EXPOSURE TO TEMPERATURES ABOVE 120F MAY CAUSE CONTAINER TO BURST,RELEASING HIGHLY FLAMMABLE PROPELLANT. WATER SPRAY TO COOL CONTAINERS PREVENTS RUPTR
Unusual Fire/Explosion Hazard:TREAT AS CYLINDERS OF COMPRESSED FLAMMABLE GAS.PROPELLANT VAPORS HEAVIER THAN AIR.VENTILATE AS TO PREVENT CONCENTRATIONS FROM REACHING FLAMMABLE LEVELS.

Accidental Release

Spill Release Procedures:IN CASE OF LEAK,MOVE CONTAINER IMMEDIATELY TO WELL VENTILATED AREA.ELIMINATE IGNITION SOURCES.VENTILATE TO REDUCE & REMOVE PROPELLANT BEFORE ENTERING AREA.WEAR PROTECTIVE EQUIPMENT.ABSORB IN INERT MAT ERIAL & PLACE IN APPROPIATE DISPOSAL CONTAINER.

Handling

Handling and Storage Precautions:STORE IN WELL VENTILATED PLACES,AWAY FROM IGNITION SOURCES.DO NOT STORE ABOVE 12OF OR IN DIRECT SUNLIGHT.DO NOT STORE NEAR OXIDANTS.NO SMOKING.
Other Precautions:DO NOT SPRAY NEAR SPARKS,HEAT,OPEN FLAMES.DO NOT SMOKE WHILE SPRAYING.TOXIC FUMES FORMED.DO NOT DROP CONTAINER.DO NOT USE DEFORMED CONTAINER.DANGEROUS PRESSURES MAY DEVELOP.

Exposure Controls

Respiratory Protection:NIOSH APPROVED RESPIRATOR IF TLV IS EXCEEDED. IF TLV IS GREATLY EXCEEDED,WEAR SCBA.
Ventilation:PROVIDE POSITIVE MECHANICAL VENTILATION.
Protective Gloves:WEAR GLOVES IF SENSITIVE TO THIS PRODUCT
Eye Protection:GOGGLES
Work Hygienic Practices:STANDARD HYGENIC PRACTICES.
Supplemental Safety and Health
HEALTH HAZ.,CONT'D:UNCONSCIOUSNESS,COMA,DEATH.MAY CAUSE PERMANENT BRAIN & CNS DAMAGE.INTENTIONAL MISUSE MAY BE HARMFUL OR FATAL;INGESTION:LOW TOXICITY.IF ASPIRATED,IT MAY RAPIDLY BE ABSORBED THROUGH T HE LUNGS.

Chemical Properties

HCC:V3
Boiling Pt:B.P. Text:165F,74C
Vapor Pres:2391
Vapor Density:2391
Spec Gravity:1.041
Evaporation Rate & Reference:>1 (BU AC=1)
Solubility in Water:Appearance and Odor:AMBER COLOR LIQUID WITH ODOR OF CHLORINATED SOLVENT
Percent Volatiles by Volume:89

Stability

Stability Indicator/Materials to Avoid:YES
PEROXIDES OR STRONG OXIDIZING AGENTS SUCH AS CHLORINE,PERMANGANATES AND DICHROMATES
Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES.

Hazardous Decomposition Products:OXIDES OF CARBON,NITROGEN,OTHERS. MAY PRODUCE TOXIC OR CORROSIVE FUMES SUCH AS HCL.PHOSGENE & CL WHEN HEATED TO DECOMPOS

Disposal

Waste Disposal Methods:DO NOT INCINERATE. DO NOT DISCARD IN COMPACTOR. DISPOSE OF IAW FEDERAL,STATE & LOCAL REGULATIONS.

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