



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-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: SEE # 4%

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450 STEL; 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

ISOBUTANE
CAS: 75-28-5
Fraction By Weight: SEE # 6%
ACGIH TLV: 800PPM

PROPANE
CAS: 74-98-6
RTECS: TX2275000
Fraction By Weight: 30%
OSHA PEL1000 PPM
ACGIH TLV: ASPHYXIAN; 9192

TALL OIL POLYMER
CAS: 70900-00-4
Fraction By Weight: 10.5%

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
ASPHYXIAN,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 RUPTURE
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 MATERIAL & PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Handling

Handling and Storage Precautions:STORE IN WELL VENTILATED PLACES,AWAY FROM IGNITION SOURCES.DO NOT STORE ABOVE 120F 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 HYGIENIC 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 THE 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 DECOMPOSE



Disposal

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

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