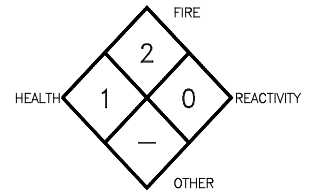




MSDS 30-5



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTITY

MANUFACTURER'S NAME AND ADDRESS:

SUNNEN PRODUCTS COMPANY
7910 Manchester Ave.
St. Louis, MO 63143 U.S.A.

CONTACT:
EMERGENCY PHONE NO:
DATE:

Chuck Korn
314-781-2105
March 13, 2003

TRADE NAME: **B-200L LUBRICANT**

SECTION 2 INGREDIENTS/IDENTITY (PER 29 CFR 1910.1200(g))

CHEMICAL NAME OF COMPONENTS	CAS NO.	Wt. %	OSHA Z1A 8 HR TWA	OSHA Z1A STEL	OSHA Z1A SKIN mg./cu.m.	ACGIH TWA	CARCINOGENIC
4-isopropenyl-1-methylcyclohexene	5989-27-5	25	none	none	none	none	No
Lard Oil Polymer	68082-79-1	75	none	none	none	none	No

FOR FURTHER SAFETY AND HEALTH INFORMATION REGARDING THE COMPOSITION OF THIS MATERIAL CONTACT SUNNEN PRODUCTS.

These mixture ingredients are cited on the following lists:

Name	CAS	Citations
4-isopropenyl-1-methylcyclohexen	5989-27-5	7, 9

1=IARC 2=OSHA 3=NTP 4=ACGIH 5=NFPA49 6=NFPA325M 7=DOT HMT 49CFR172.101 8=EPA SARA III 9=RTECS 10=MA RTK 11=AK RTK 12=CA RTK 13=FL RTK 14=IL RTK 15=ME RTK 16=MN RTK 17=NH RTK 18=NJ RTK 19=Cincinnati, OH RTK 20=Norwood, OH RTK 21=PA RTK 22=RI RTK 23=WV RTK

SECTION 3 PHYSICAL & CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (WATER=1)	.92
APPEARANCE AND ODOR	Dark brown mobile liquid with citrus odor.
PERCENT VOLATILE BY WEIGHT	25%
REACTIVITY IN WATER	No hazardous reactions.
BOILING POINT	Approx. 310°F (154°C)
VAPOR DENSITY (Air=1)	Heavier than air.
VAPOR PRESSURE (mm Hg)	<1mm Hg @ 68 F (20 C)
EVAPORATION RATE	Negligible
SOLUBILITY IN WATER	Negligible

SECTION 4 SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store in a cool dry place away from fire or flame. Keep container closed when not in use. Use with adequate ventilation.

SECTION 5 CORROSIVITY AND REACTIVITY DATA

STABILITY: Material is stable. POLYMERIZATION: Hazardous polymerization will not occur. INCOMPATIBILITY (materials to avoid): Strong oxidizing agents. DECOMPOSITION PRODUCTS: Combustion of material will produce oxides of carbon.

SECTION 6 HEALTH, FIRST AID AND MEDICAL DATA

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE ABBREVIATIONS USED IN THE FOLLOWING SECTION: NAIF=NO APPLICABLE INFORMATION FOUND, SKIN=SKIN ABSORPTION, EYE=EYE CONTACT, INHAL=INHALATION, INGEST=INGESTION. THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA.

4-Isopropenyl-1-Methylcyclohexene ACUTE: SKIN: May cause skin irritation. EYE: Vapors may irritate eyes. Liquid may cause pain and corneal injury. INHAL: May cause nausea. INGEST: Single dose oral toxicity is low. CHRONIC SKIN: May cause drying or flaking of the skin. May aggravate dermatitis. EYE: May cause corneal injury. INHAL: Reports have associated repeated and prolonged overexposure to solvents with permanent kidney, liver brain and nervous system damage. INGEST: Long term feeding studies of rats and mice have shown reproductive effects including developmental (musculoskeletal) and reproductive (testes/sperm) abnormalities. NTP reports long term feeding studies of naturally occurring substances have shown clear evidence of carcinogenic activity, producing gastrointestinal tumors in male rats but no evidence of carcinogenic activity in female rats or male or female mice.

EMERGENCY FIRST AID

INHALATION: Remove to fresh air. If not breathing, begin mouth to mouth resuscitation. Seek medical attention. EYE CONTACT: Remove contact lenses (if wearing) and flush eyes with water for 15 minutes. Seek medical attention to check for possible irritation. SKIN CONTACT: Wash hands with mild non-abrasive soap and water. INGESTION: Seek medical attention immediately. Do not induce vomiting. Drink milk or water to dilute.

SECTION 7 HANDLING, STORAGE AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: Store in a cool dry place. Keep out of the reach of children. NORMAL USE: Use with adequate ventilation. If eye watering, headache or dizziness is experienced, increase ventilation or seek fresh air. Wash hands after using. STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: Wipe up or absorb on absorbent. WASTE DISPOSAL METHODS: Dispose of in accordance with applicable federal, state and local laws, regulations, rules, orders and ordinances. DOT HAZARD CLASS AND SHIPPING NAME: Combustible Liquid. DESCRIPTION: Combustible Liquid n.o.s. NA-1993

SECTION 8 PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally required.

VENTILATION: Normal

PROTECTIVE GLOVES: If preferred or if sensitivity to material has been demonstrated.

EYE PROTECTION: To prevent eye contact. Always wear safety glasses when operating hydraulic press.

SECTION 9 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 160°F (71°C) ASTM D-92

FLAMMABLE LIMITS IN AIR % BY VOLUME: Unknown

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Solvent vapors are heavier than air.

SECTION 10 SHIPPING

PROPER SHIPPING NAME: Consumer Commodity HAZARD CLASS: ORM-D-AIR UN NUMBER: None

NOTICE

THIS MATERIAL SAFETY DATA SHEET ("MSDS") IS SUPPLIED PURSUANT TO THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S HAZARD COMMUNICATION RULE (THE "RULE"), 29 CFR 1910.1200. THIS MSDS IS BEING FURNISHED TO THE IMMEDIATE PURCHASER OF THE MATERIAL TO WHICH IT REFERS WITHOUT REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS OR ACCURACY OF ANY INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN.

THIS MSDS IS OFFERED SOLELY TO COMPLY WITH THE RULE AND IS NOT INTENDED TO CREATE ANY LIABILITY OF ANY KIND ON THE PART OF SUNNEN PRODUCTS COMPANY ("SUNNEN"). IN NO EVENT WILL SUNNEN BE RESPONSIBLE FOR ANY DEATH, INJURY OR DAMAGE OF ANY NATURE WHATSOEVER RESULTING FROM THE USE OF, RELIANCE UPON, OR MISUSE OF THE MSDS. NO REPRESENTATIONS OR WARRANTIES, WHETHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER NATURE, ARE MADE HERE-UNDER. THIS MSDS IS NOT INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR EXTEND LICENSES UNDER VALID PATENTS.

THIS MSDS IS FURNISHED UPON THE EXPRESS CONDITION THAT ALL PERSONS RECEIVING IT WILL MAKE THEIR OWN DETERMINATION AS TO ITS SUITABILITY FOR THEIR PURPOSES PRIOR TO USE. RESPONSIBILITY FOR COMPLIANCE WITH APPLICABLE FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING DISSEMINATION OF THE MSDS AND SALE AND USE OF THE MATERIAL TO WHICH IT REFERS RESTS SOLELY UPON THE PURCHASER.