

SAFETY DATA SHEET

SDS

Issued: March 20, 2015

Internal num: SDS030

1. PRODUCT AND COMPANY

TRADE NAME: B200L, B200L1GALLON, B200L5GALLON

PRODUCT IDENTIFIER: SDS030

CHEM. NAME: Mixture

APPLICATION: Press Fit Lubricant

COMPANY: Sunnen Products Company

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2. HAZARD IDENTIFICATION

PHYSICAL HAZARDS:

HEALTH HAZARDS:

ENVIRONMENTAL
HAZARDS

OTHER HAZARDS:

LABEL ELEMENTS:

Hazard classification

Combustible liquid (Category 4) H227

Skin irritation (Category 2) H315

Skin sensitization (Category 1) H317

Chronic aquatic toxicity (Category 1) H410

Acute aquatic toxicity (Category 1) H400



SIGNAL WORD

WARNING

HAZARD STATEMENT(S)

H227	Combustible liquid.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.
P261 Avoid breathing fume.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (see instructions on SDS).
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.☑

P391 Collect spillage.
P403+P235 Store in well ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with regulations.

3. COMPOSITION OF PRODUCT

Name	CAS-no.	Wt%
4-ISOPROPENYL-1-METHYLCYCLOHEXENE	5989-27-5	25
Lard Oil Polymer	68082-79-1	75

INGREDIENT COMMENTS: None

4. FIRST AID MEASURES

GENERAL

Consult a physician if you don't feel well.

AFTER INHALATION

Remove to fresh air. If not breathing, begin mouth to mouth resuscitation. Seek medical attention.

AFTER CONTACT WITH SKIN

Wash hands with mild non-abrasive soap and water.

AFTER CONTACT WITH EYES

Remove contact lenses (if wearing) and flush eyes with water for 15 minutes. Seek medical attention to check for possible irritation.

AFTER INGESTION

Seek medical attention immediately. Do not induce vomiting. Drink milk or water to dilute.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Foam, carbon dioxide or dry chemical

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS

None known.

SPECIAL EXPOSURE HAZARDS ARISING FROM SUBSTANCE OR PREPARATION ITSELF, COMBUSTION PRODUCTS, RESULTING GASES.

Solvent vapors are heavier than air.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

ENVIRONMENTAL PRECAUTIONS

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

METHODS FOR CLEANING UP/TAKING UP

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

HANDLING

ADVICE ON SAFE HANDLING

FOR INDUSTRIAL USE ONLY. Not suitable for use around household or dwelling. Use only with adequate ventilation, ensuring fresh air entry during use as breathing vapors can cause dizziness, unconsciousness or coma. Use only around explosion proof equipment. Do not use near sparks, heat or open flame as solvent may ignite creating a fire hazard. If eye watering, headache or dizziness is experienced, increase ventilation or seek fresh air. Vapors will accumulate readily and are potentially explosive. Wash hands after using. Do not smoke when

vapors are present. Read and observe cautions and warnings on container label.

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION

Keep away from heat, sparks and open flame. Use only around explosion proof equipment.

FURTHER INFORMATION ON HANDLING

Towels, rags or other insulating absorbent fibrous media contaminated with any oil product should be stored in appropriate fireproof container that is emptied daily, to limit spontaneous combustion hazard.

STORAGE

REQUIREMENTS FOR STORAGE ROOMS AND VESSELS

Store in well ventilated areas away from sources of ignition. Post areas "no smoking or open flames." Do not store at temperatures above 120 F (49 C) or in direct sunlight. Keep out of the reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

NAME	CAS-no.	LIMIT:
4-isopropenyl-1-methylcyclohexene	5989-27-5	20 parts/million (ACGIH Threshold Limit Value)

ADDITIONAL ADVICE ON CONTROL PARAMETERS

EXPOSURE CONTROLS

OCCUPATIONAL EXPOSURE CONTROLS

If eye watering, headache or dizziness is experienced, increase ventilation or seek fresh air. Use engineering controls to reduce air contamination to permissible exposure levels. Atmospheric levels should be maintained below the exposure guidelines. Ensure fresh air entry during use.

PROTECTIVE AND HYGIENE MEASURES

RESPIRATORY PROTECTION

Wear NIOSH approved respirator if vapors approach TLV. Do not use in confined spaces without adequate ventilation and/or respirator. For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive pressure self container breathing apparatus.

EYE PROTECTION

Wear protective goggles if mist is present or if any possibility of eye contact exists.

SKIN PROTECTION

Avoid any skin contact.

ENVIRONMENTAL EXPOSURE CONTROLS

Do not release to ground or water.

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL

Remove traces of material if soldering, welding, brazing, cutting or other process involving ignition sources to prevent a fire hazard or create hazardous fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

PHYSICAL STATE:	Liquid
COLOR:	Brown
ODOR:	Solvent

CHANGES IN THE PHYSICAL STATE

MELTING POINT:	Not available
FLASH POINT:	160°F (71°C) ASTM D-92
DENSITY:	Heavier than air.
VOC:	Unknown

VISCOSITY: 108 cSt@40°C

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

None known.

MATERIALS TO AVOID

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire, Carbon Monoxide, Carbon Dioxide

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

Product information

Inhalation No data available
Eye Contact Rabbit - No eye irritation (OECD Test Guideline 405)
Skin Contact May cause sensitization by skin contact. (OECD Test Guideline 429)
Ingestion Unlikely under normal conditions of use.

Component Information

Chemical Name	LD50 Oral Rat	LD50 Dermal Rabbit	LC50 Inhalation
4-isopropenyl-1-methylcyclohexene	4400 mg/kg	>5000 mg/kg	---

Germ Cell Mutagenicity- Mouse lymphocyte- Result: Negative
Rat - male- Result: Negative

Carcinogenicity- Rat-Oral Carcinogenic (RTECS) Kidney, Ureter, Bladder, Kidney, Testicular.
Mouse-Oral Carcinogenic (RTECS) Gastrointestinal Tumors
IARC 3 - Group 3: Not classifiable as to its carcinogenicity to humans.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Do not allow material to be released to the environment. Do not contaminate public drains or water supply.

4-isopropenyl-1-methylcyclohexene

Fish: Fathead minnow- 0.72 mg/l - 96 hr. (OECD 203)
Daphnia: Water Flea- 0.36 mg/l - 48 hr. (OECD 202)
Bacteria: EC50 sludge Treatment- 3.94 mg/l (OECD 209)
Biodegradability: Est. 70% Readily biodegradable.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.

13. DISPOSAL CONSIDERATIONS

ADVICE ON DISPOSAL

Recover, reclaim or recycle. Dispose in accordance with federal, State and local requirements.

14. TRANSPORT INFORMATION

Shipping descriptions are provided for informational purposes and do not consider container sizes. The U.S. GROUND (DOT)

PROPER SHIPPING NAME: Combustible liquid, n.o.s. (Contains 4-isopropenyl-1-methylcyclohexene)
HAZARD CLASS: Combustible liquid
IDENTIFICATION NUMBER: NA1993
PACKING GROUP: III

MARINE

Regulated

AIR TRANSPORT

Regulated

15. REGULATORY INFORMATION

International Inventories

Ingredients comply with provisions of TSCA.

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization act of 1966 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive environmental response compensation and Liability Act (CIRCLA) (40 CFR302) or the superfund amendments and reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to release of this material.

U.S State Regulations

U.S. State right-to-Know Regulations

Chemical Name	Pennsylvania	New Jersey
4-isopropenyl-1-methylcyclohexene	Y	Y

16. OTHER INFORMATION

This product has been classified in harmony with the Department of Labor Regulations 29 CFR 1910.1200.

NOTICE

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