



Safety Data Sheet

Issuing Date: May 29, 2015

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Section 1. Identification

GHS Product identifier:

Product name: _ SUNNEN B200 AEROSOL LUBRICANT

Other means of identification:

Synonyms: PRODUCT IDENTIFIER: SDS008

Recommended use of the chemical and restrictions on use:

Recommended Use: Press fit assembly lubricant

Uses advised against:: General lubrication

Supplier's details:

Supplier Address

SUNNEN PRODUCTS
7910 MANCHESTER ROAD
SAINT LOUIS, MO 63143
Website: www.sunnen.com

Emergency telephone number: 1 (314) 781-2100 8 a.m. - 3 p.m. C.S.T. (US)

Section 2. Hazards Identification

Classification

FLAMMABLE AEROSOLS - Category 1
SENSITIZATION - SKIN - Category 1

Signal Word

Danger

Pictogram



Hazard Statements

Extremely flammable aerosol

Precautionary Statements

Response

If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Do not spray on an open flame or other ignition source. Keep away from heat. Pressurized container: Do not pierce or burn, even after use. Wear protective gloves.
Storage	Protect from sunlight. Do not expose to temperatures exceeding 50 C/122 F.
Disposal	Dispose of contents/container according to local regulations.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	NONE
Additional Information	False

Section 3. Ingredients

CAS	Ingredient Name	Weight %
94266-47-4	CITRUS TERPENES	< 1.0%
74-98-6	Propane	1% - 10%
75-28-5	Propane, 2-methyl-	5% - 15%
106-97-8	Butane	5% - 25%
	OXIDIZED, POLYMERIZED MIXED TRIGLYCERIDES	55% - 65%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.
Skin	Wash with soap and water. Wash clothing separately before reuse.
Ingestion	If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
NOTES TO PHYSICIAN	Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use water spray, regular foam, dry chemical, or carbon dioxide.
Unsuitable Extinguishing Media	NONE
Hazardous Combustion Products	Smoke, Fume, Incomplete combustion products, Oxides of carbon.
Fire Fighting Instructions	In the event of fire, cool tanks with water spray. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental Release Measures

PERSONAL PRECAUTIONS

Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.)

ENVIRONMENTAL PRECAUTIONS

Clean-up METHODS FOR CONTAINMENT AND CLEAN UP

Avoid runoff into storm sewers and ditches which lead to waterways.

Containment

Eliminate all ignition sources. Stop the flow of material, if this can be done without risk. Dike the spilled material, where this is possible.

Collect

Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust.

Clean-up

Forms smooth, slippery surfaces on floors, posing an accident risk. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container.

Section 7. Handling and Storage

	Engineered Lubricants recommends the end user always adhere to NIOSH and OSHA published requirements and guidelines for handling, use, management, storage and disposal.
Handling	Wash thoroughly after handling.
Storage	Keep container closed when not in use.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	CITRUS TERPENES	8h TWA=30ppm	N/A	N/A
	Propane	N/A	1000 ppm	N/A
	Propane, 2-methyl-	N/A	N/A	N/A
	Butane	N/A	800 ppm	N/A
	OXIDIZED, POLYMERIZED MIXED TRIGLYCERIDES	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
PERSONAL PROTECTION				
Specific Hygeine Measures	Always observe good personal hygiene measures, such as washing after handling the material before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.			
Eye	Wear safety glasses.			
Skin Protection	Protective gloves and clothing are recommended.			
Engineering Controls	Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.			

Section 9. Physical and Chemical Properties

Physical State	LIQUID
Color	AMBER
Odor	N/A
Odor Threshold	N/A
Solubility	INSOLUBLE IN H ₂ O
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.954
Density lbs/Gal	7.945
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	ASTM D93 (PMCC)
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Reactivity	None expected.
Stability	Material is stable under normal conditions.
Hazardous Reactions	Hazardous polymerization will not occur.
Conditions To Avoid	Excessive heat. High energy sources of ignition.
Incompatible Materials	Strong oxidizers. Alkalies. Acids. Acidic clays at temperatures above 100 C. Iodine Pentafluoride Vinyl Chlorides. Halogens and halogenated compounds. Peroxides.
Thermal Decomposition	Incomplete combustion may produce carbon monoxide and other asphyxiants. Acrolein at high temperatures.

Section 11. Toxicological Information

ACUTE ORAL TOXICITY	No data available.
ACUTE INHALATION TOXICITY	No data available.
ACUTE DERMAL TOXICITY	No data available.
SKIN IRRITATION	No data available.
EYE IRRITATION	Causes skin irritation.
REPRODUCTIVE TOXICITY	No data available.
SKIN SENSITIZATION	No data available.
GERM CELL MUTAGENICITY	May cause skin sensitization.
CARCINOGENICITY	No data available.
STOT-SINGLE EXPOSURE	No components listed on IARC.
STOT-REPEATED EXPOSURE	No data available.
ASPIRATION HAZARD	Not classified.
	NONE

Section 12. Ecological Information

ECOTOXICITY EFFECTS	No data available.
PERSISTENCE AND DEGRADABILITY	No data available.

Section 13. Disposal

Waste Disposal Method	According to local, state, and federal regulations.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for local recycling or waste disposal.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	NOT REGULATED
DOT Classification	N/A
Packing Group	N/A

Section 15. Regulatory Information

US REGULATIONS

SARA Sections 311 and 312	Immediate (Acute) Health Hazard: YES. Delayed (Chronic) Health Hazard: NO FIRE HAZARD: YES Reactive Hazard: NO. Sudden Release of Pressure Hazard: NO.
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SARA (313) TOXIC RELEASE INVENTORY

No known reportable quantities.

CERCLA (Comprehensive Environmental Response and Liability Act of 1980, S 103)

No	known	reportable	quantities.
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EPCRA

No	known	reportable	quantities.
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IARC

No components listed on IARC.

U.S. STATE RIGHT TO KNOW

California Proposition 65- Chemicals Known to the State to Cause Cancer	No Components Listed.
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Section 16. Other Information

Revision Date	4/7/2015
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Disclaimer

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LEGEND

DOT- Department of Transportation; IMDG-International Maritime Dangerous Goods; IATA- International Air Transport Association; SARA-Superfund Amendments and Reauthorization Act; CERCLA-Comprehensive Environmental Response, Compensation, and Liability Act; EPCRA-Emergency Planning and Community Right-to-Know Act; IARC-International Agency for Research on Cancer. STOT-Specific Target Organ Toxicity.

Additional Information

EL.23738.V3.R0