

Material Safety Data Sheet**1. MATERIAL AND COMPANY IDENTIFICATION**

Material Name : Slick 50 One Lube Aerosol
Uses : Car care product.

Manufacturer/Supplier : SOPUS Products
 PO BOX 4427
 Houston, TX 77210-4427
 USA

MSDS Request : 877-276-7285

Emergency Telephone Number
Spill Information : 877-242-7400
Health Information : 877-504-9351

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Heptane	142-82-5	< 30.00 %
Carbon dioxide	124-38-9	1.00 - 5.00 %

Aerosol spray consisting of solvent, additives, and hydrocarbon propellant.

3. HAZARDS IDENTIFICATION

Emergency Overview	
Appearance and Odour	: Clear. Aerosol. Hydrocarbon/aromatic.
Health Hazards	: Vapours may cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed. Irritating to skin.
Safety Hazards	: Contents under pressure and can explode when exposed to heat or open flame. Extremely flammable.
Environmental Hazards	: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Health Hazards

Inhalation : Vapours may cause drowsiness and dizziness.
Skin Contact : Irritating to skin.
Eye Contact : Vapours expected to be slightly irritating.
Ingestion : Harmful: may cause lung damage if swallowed. May cause drowsiness and dizziness.

Other Information : Possibility of organ or organ system damage from prolonged exposure; see Chapter 11 for details. Target organ(s): Lungs.
 Central nervous system (CNS).

Signs and Symptoms : Breathing of high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination.

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Continued inhalation may result in unconsciousness and death. Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters. May cause hazy or blurred vision. If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure. Lung damage (scarring, bronchitis, emphysema) may be indicated by shortness of breath, especially on exertion, and may be accompanied by a chronic cough.

- Aggravated Medical Condition** : Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Skin. Central nervous system (CNS).
- Environmental Hazards** : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Additional Information** : Under normal conditions of use or in a foreseeable emergency, this product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

4. FIRST AID MEASURES

- General Information** : Keep victim calm. Obtain medical treatment immediately.
- Inhalation** : Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Inhalation of vapours requires immediate medical attention.
- Skin Contact** : If persistent irritation occurs, obtain medical attention. Remove contaminated clothing. Immediately flush skin with large amounts of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.
- Eye Contact** : Flush eye with copious quantities of water.
- Ingestion** : If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
- Advice to Physician** : Treat symptomatically. Consult a Poison Control Centre for guidance.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

- Flash point** : Typical -7.8 °C / 18.0 °F
- Upper / lower Flammability or Explosion limits** : Data not available
- Specific Hazards** : Contents are under pressure and can explode when exposed to heat or flames.

6. ACCIDENTAL RELEASE MEASURES

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- Protective measures** : Remove all possible sources of ignition in the surrounding area. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Clean Up Methods** : Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.
- Additional Advice** : Observe all relevant local and international regulations.

7. HANDLING AND STORAGE

- Handling** : Do not puncture or incinerate. Contents under pressure and can explode when exposed to heat or open flame.
- Storage** : Must be stored in a well-ventilated area, away from sunlight, ignition sources and other sources of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits**

Material	Source	Type	ppm	mg/m3	Notation
Distillates (petroleum), solvent-dewaxed heavy paraffinic	OSHA Z1	PEL	500 ppm	2,000 mg/m3	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	OSHA Z1A	TWA	400 ppm	1,600 mg/m3	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACGIH	TWA(Mist.)		5 mg/m3	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACGIH	STEL(Mist.)		10 mg/m3	
Heptane	OSHA Z1	PEL	500 ppm	2,000 mg/m3	
Heptane	OSHA Z1A	TWA	400 ppm	1,600 mg/m3	
Heptane	OSHA Z1A	STEL	500 ppm	2,000 mg/m3	
Heptane	ACGIH	TWA	400 ppm		
Heptane	ACGIH	STEL	500 ppm		
Carbon dioxide	ACGIH	TWA	5,000 ppm		

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Carbon dioxide	ACGIH	STEL	30,000 ppm		
Carbon dioxide	OSHA Z1	PEL	5,000 ppm	9,000 mg/m3	
Carbon dioxide	OSHA Z1A	TWA	10,000 ppm	18,000 mg/m3	
Carbon dioxide	OSHA Z1A	STEL	30,000 ppm	54,000 mg/m3	

Distillates (petroleum), solvent-dewaxed heavy paraffinic	OSHA Z1	PEL	500 ppm	2,000 mg/m3	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	OSHA Z1A	TWA	400 ppm	1,600 mg/m3	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACGIH	TWA(Mist.)		5 mg/m3	
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACGIH	STEL(Mist.)		10 mg/m3	
Heptane	OSHA Z1	PEL	500 ppm	2,000 mg/m3	
Heptane	OSHA Z1A	TWA	400 ppm	1,600 mg/m3	
Heptane	OSHA Z1A	STEL	500 ppm	2,000 mg/m3	
Heptane	ACGIH	TWA	400 ppm		
Heptane	ACGIH	STEL	500 ppm		

Additional Information : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

Exposure Controls : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

Personal Protective Equipment : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

Respiratory Protection : Check with respiratory protective equipment suppliers.

Hand Protection : PVC, neoprene or nitrile rubber gloves.

Eye Protection : Chemical splash goggles (chemical monogoggles).

Environmental Exposure : Use only in well-ventilated areas.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear. Aerosol.
Odour	: Hydrocarbon/aromatic.
Pour point	: Data not available
Flash point	: Typical -7.8 °C / 18.0 °F
Upper / lower Flammability or Explosion limits	: Data not available
Specific gravity	: Typical 0.83 at 20 °C / 68 °F
Density	: Typical 830 g/cm ³ at 20 °C / 68 °F
Water solubility	: Negligible.

10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions of use.
Conditions to Avoid	: Open flame.
Materials to Avoid	: Not applicable.
Hazardous Decomposition Products	: None expected under normal use conditions.
Hazardous Polymerisation	: No
Sensitivity to Mechanical Impact	: No

11. TOXICOLOGICAL INFORMATION

Basis for Assessment	: Information given is based on data from components.
Acute Oral Toxicity	: Expected to be of low toxicity: LD50 >2000 mg/kg , Rat Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Ingestion may cause drowsiness and dizziness.
Acute Dermal Toxicity	: Expected to be of low toxicity: LD50 >2000 mg/kg , Rabbit
Acute Inhalation Toxicity	: Expected to be of low toxicity: LC50 >2 - 20 mg/l
Skin Irritation	: Irritating to skin.
Eye Irritation	: Slightly irritating.
Respiratory Irritation	: Expected to be slightly irritating.
Sensitisation	: Not a skin sensitiser.
Repeated Dose Toxicity	: High exposures can cause drowsiness and dizziness. Central nervous system: repeated exposure affects the nervous system. Effects were seen at high doses only.
Mutagenicity	: No evidence of mutagenic activity.
Carcinogenicity	: Not a carcinogen.
Reproductive and Developmental Toxicity	: Not a developmental toxicant.

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12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Acute Toxicity	:	Expected to be toxic:
Mobility	:	Disperses in water.
Persistence/degradability	:	Data not available
Bioaccumulation	:	Data not available
Other Adverse Effects	:	Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

Material Disposal	:	Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
Container Disposal	:	Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.
Local Legislation	:	Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION**US Department of Transportation Classification (49CFR)**

Identification number	UN 1950
Proper shipping name	Aerosols
Class / Division	2.1

Emergency Response Guide
No . 126

Additional Information
Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule.

IMDG

Identification number	UN 1950
Proper shipping name	AEROSOLS
Class / Division	2.1
Marine pollutant:	No

IATA (Country variations may apply)

Identification number	UN 1950
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Proper shipping name Aerosols, flammable
Class / Division 2.1

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS All components listed or
 polymer exempt.
TSCA All components listed.
DSL All components listed.

Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

Slick 50 One Lube Aerosol ()	Reportable quantity: 333 lbs
Heptane (142-82-5)	Reportable quantity: 100 lbs

SARA Hazard Categories (311/312)

Immediate (Acute) Health Hazard. Fire Hazard. Sudden Release of Pressure Hazard.

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

New Jersey Right-To-Know Chemical List

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)	Listed.
Heptane (142-82-5)	Listed.
Carbon dioxide (124-38-9)	Listed.

Pennsylvania Right-To-Know Chemical List

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)	Listed.
Heptane (142-82-5)	Listed.
Carbon dioxide (124-38-9)	Listed.

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16. OTHER INFORMATION

NFPA Rating (Health, Fire, Reactivity) : 1, 3, 0

MSDS Version Number : 1.0

MSDS Effective Date : 07/09/2008

MSDS Revisions : A vertical bar (|) in the left margin indicates an amendment from the previous version.

MSDS Regulation : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

MSDS Distribution : The information in this document should be made available to all who may handle the product.

Disclaimer : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.