

Safety Data Sheet SLA-9 Silicone Lube



SDS Revision Date:

01/07/18

International Corporation

1. Identification of the Substance/mixture and of the Company/undertaking

1.1. Product identifier

Product Identity	SLA-9 Silicone Lube
Alternate Names	Part Numbers: 85156 Product Type: Extremely flammable aerosol

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use	Silicone Lubricant
Application Method	See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name	SAF-T-LOK International Corporation 300 EISENHOWER LANE NORTH LOMBARD, IL 60148
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Emergency

CHEMTREC (USA)	(800) 424-9300
24 hour Emergency Telephone No.	(703) 527-3887
Customer Service: SAF-T-LOK International Corporation	(630) 495-2001

2. Hazard Identification of the Product

2.1. Classification of the substance or mixture

Category 2	Skin corrosion/irritation
Category 2B	Serious eye damage/eye irritation
Category 2	Reproductive Toxicity
Category 3	Specific target organ toxicity (single exposure)
Category 2	Specific target organ toxicity (repeated exposure)
Category 1	Aspiration toxicity
Category 1	Flammable aerosols
Compressed Gas	Gases under pressure

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

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[Prevention]:

Avoid breathing dust/fume/gas/mist/vapors/spray; Contaminated work clothing should not be allowed out of workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF ON SKIN: wash with plenty of soap and water, if skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse

P273 Avoid release to the environment.

[Response]:

Dispose of contents/ container to approved disposal facility

P391 Collect spillage.

[Storage]:

No GHS storage statements

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on Ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Hexane CAS Number: (110-54-3)	50 - 60		[1]
Propane/isobutene/n-butane CAS Number: (68476-86-8)	40 - 50		[1]
Dimethyl Polysiloxane CAS Number: (63148-62-9)	1-10		[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First Aid Measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

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Inhalation	First aid is not normally required. If breathing difficulties develop, remove to fresh air, keep victim in comfortable position for breathing, seek immediate medical attention.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart. If symptoms persist seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. If skin surface is damaged, apply a sterile dressing, and seek medical attention immediately. If irritation or redness develops, seek medical attention. Wash clothing before reuse. If product is exposed to an open wound, regardless of wound size, seek medical attention immediately.
Ingestion	If swallowed and symptoms develop, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview **Skin Contact:** Usually no effect, however, as with any chemical, prolonged, excessive, or repeated exposure may cause mild to moderate skin irritation, exhibited by redness, drying and cracking of unprotected skin.

Eye Contact: May irritate with slight pain and redness.

Respiratory/ Inhalation: Usually none, however, as with any chemical product, some irritation may occur

Ingestion: Amounts transferred to mouth by fingers, etc, during normal operation should not cause injury. Accidental ingestion may cause minor irritation resulting in nausea and diarrhea.

Medical conditions generally aggravated by exposure: None known, however any chemical product may enhance allergies already present in certain individuals. See section 2 for further details.

5. Fire-Fighting Measures

5.1. Extinguishing media

Recommended extinguishing media; Dry Chemical, Carbon Dioxide, Foam, or water spray. Water or foam may cause frothing in material heated above 212°F / 100°C. Carbon dioxide may displace oxygen. Use caution when applying carbon dioxide

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon, sulfur, nitrogen or phosphorus

5.3. Advice for fire-fighters

Air mask and procedures for fighting chemical fires. Do not inhale gases.

Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

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ERG Guide No. ----

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).
Keep all ignition sources away from spills
Avoid breathing fumes/vapor/dust/mist
Avoid direct contact with material
Wear appropriate protective equipment, including respiratory protection.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.
May require notification of the National Response Center (phone: 800-424-8802)
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Prevent material from entering floor drains, sewers, or any bodies of water.
Scoop up into waste container or soak up with absorbent material. Store in a closed container until disposal.

7. Handling and Storage

7.1. Precautions for safe handling

Keep away from flames and hot surfaces, wash hands thoroughly after use. Wear appropriate protective equipment. (see section 8). Product exposed to open wound may cause serious damage even if no symptoms are apparent. See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.
Isolated storage facility/ warehouse not required. Store in a cool, dry location (60-90°F) in a well-ventilated area in original container. Keep container tightly closed when not in use.
Incompatible materials: Strong Oxidizing Agents, Strong Acids and Alkalis.
See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

None

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8. Exposure Controls and Personal Protection

8.1. Control parameters

Exposure

Chemical	ACGIH	OSHA	NIOSH
Hexane (110-54-3)	TWA: 50 ppm Skin-potential significant contribution to overall exposure by the cutaneous route	TWA: 5 ppm TWA: 1800 mg/m ³ (vacted) TWA: 50 ppm (vacted) TWA: 180 mg/m ³	IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m ³
Propane/Isobutane/N-Butane (68476-86-6)	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6: TWA: 1000 ppm TWA: 1800 mg/m ³ (vacted) TWA: 1000 ppm (vacted) TWA: 1800 mg/m ³ 106-97-8: (vacted) TWA: 800 ppm (vacted) TWA: 1900 mg/m ³	74-98-6: IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ 106-97-8: TWA: 800 ppm TWA: 1900 mg/m ³ 75-28-5: TWA: 800 ppm TWA: 1900 mg/m ³

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 10 mg/m³ ACGIH.

8.2. Exposure controls

Respiratory

No respiratory protection required, but normal good ventilation is recommended. Forced ventilation may be required if concentrations exceed normal use exposure.

Eyes

Not required if application method is proper. Avoid contact with eyes.

Skin

Wear overalls to keep skin contact to a minimum. Use impermeable gloves (neoprene, butyl rubber, natural rubber), as necessary to avoid skin contact, as well as proper clothing or plastic apron. Wash hands before eating, drinking, or using restroom.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Eye wash stations should be located within 100 feet or 10 second walk of the work area. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

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9. Physical and Chemical Properties

Appearance	Clear
Odor	Solvent
Odor threshold	Not Measured
pH	Not determined
Melting point / freezing point	Not determined
Initial boiling point and boiling range	N/A
Flash Point	-91°C / -132°F
Evaporation rate (Ether = 1)	<1
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: N/A Upper Explosive Limit: N/A
Vapor Pressure (Pa)	N/A
Vapor Density	N/A
Specific Gravity	0.64
Solubility in Water	Practically Insoluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
VOC %	94.2
% Solid	Not Measured

9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

10. Stability and Reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Extended exposure to high temperatures can cause decomposition. Avoid all sources of ignition.

10.5. Incompatible materials

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Strong oxidizing agents and strong reducing agents

10.6. Hazardous decomposition products

Not anticipated under normal conditions of use

11. Toxicological Information

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation LC50, ppm
Hexane (110-54-3)	No data available	= 3000 mg/kg (Rabbit)	No data available	No data available	= 48000 ppm (Rat) 4 h

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Repeated exposure may cause dryness or cracking
Serious eye damage/irritation	---	Not expected to be irritating
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Based on component information
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not an aspiration hazard

12. Ecological Information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

H412 – Hazardous to the aquatic environment, chronic toxicity – Category 3

Toxic to aquatic life with long lasting effects.

Aquatic Ecotoxicity

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Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Hexane (110-54-3)	2.1 – 2.98 mg/L LC50 Pimephales promelas 96h flow-through	--	--

12.2. Persistence and degradability

The base oil constituents of grease are expected to be inherently, but not readily biodegradable, some of the thickening agents may be readily biodegradable.

12.3. Bioaccumulative potential

Log Kow values measured for the hydrocarbon components of this material range from 4 to greater than 6, and therefore, are regarded as having the potential to bioaccumulate. In practice, metabolic processes may reduce bioconcentration.

12.4. Mobility in soil

Due to the low vapor pressure, volatilization to air is not expected to be a significant fate process. Material may behave differently in aquatic environment with soaps dispersing and dissolving to an extent in water while hydrocarbons may float to the surface. Hydrocarbons are expected to have low mobility in soil or water.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

14.1. UN number	DOT (Domestic Surface Transportation) Not Applicable	IMO / IMDG (Ocean Transportation) Not Regulated	ICAO/IATA Not Regulated
14.2. UN Proper Shipping Name	Not Regulated	Environmentally hazardous substance, liquid, N.O.S	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: 9	Air Class: Not Applicable

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	DOT Label: ---	Sub Class: Not Applicable	
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable

14.5. Environmental hazards

IMDG Marine Pollutant: YES

14.6. Special precautions for user

No further information

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification Not Regulated

US EPA Tier II Hazards

Fire: Yes
Sudden Release of Pressure: Yes
Reactive: No
Immediate (Acute): Yes
Delayed (Chronic): Yes

EPCRA 311/312 Chemicals and RQs (lbs):

No product ingredients listed

EPCRA 302 Extremely Hazardous :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

No product ingredients listed

Proposition 65 - Carcinogens (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%):
(No Product Ingredients Listed)

N.J. RTK Substances (>1%):

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Penn RTK Substances (>1%):

CERCLA/SARA 302

This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372

Chemical Name	Weight %	SARA 313 – Threshold Values %
Hexane – (110-54-3)	50 - 60	1.0
CERCLA/SARA 311/312	Acute Health Hazard	Yes
	Chronic Health Hazard	Yes
	Fire Hazard	Yes
	Pressure Hazard	Yes
	Reactive Hazard	No

CERCLA/SARA 313 and 40 CFR372

This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

EPA (CERCLA) Reportable Quantity

This material does not contain any chemicals with CERCLA Reportable Quantities.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H312 Harmful in contact with skin.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information on this material safety data sheet represents our current data and best opinion as to the proper use

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in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.

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