

Safety Data Sheet

Silicone Spray Lubricant

Section 1. Identification

Product Identifier Silicone Spray Lubricant

Synonyms 52115

Manufacturer Stock Numbers 143543

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address

Dynatex *a division of* Soudal
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USA

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(800) 424-9300

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(270) 769-6418

Section 2. Hazards Identification

Classification

ASPIRATION HAZARD - Category 1

FLAMMABLE AEROSOLS - Category 1

HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD - Category 3

Signal Word

Danger

Pictogram



Hazard Statements Extremely flammable aerosol
Harmful to aquatic life
May be fatal if swallowed and enters airways

Precautionary Statements

Response Do NOT induce vomiting.
If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.

Prevention Avoid release to the environment
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.

Storage Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store locked up.

Disposal Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Additional Information None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
74-98-6	Propane	5% - 10%
64741-66-8	Synthetic Isoparaffinic Hydrocarbon	10% - 25%
106-97-8	Butane	10% - 20%
63148-62-9	Dimethylpolysiloxane	1% - 5%

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

Section 4. First-Aid Measures

Ingestion Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. Do not induct vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Inhalation Move to fresh air.

Skin Contact Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. Launder clothing before reuse.

Eye contact Rinse immediately with plenty of water.

Most important symptoms/effects, acute and delayed Symptoms:
No data available.

Hazards:
No data available.
Treatment:
No data available.

Indication of immediate
medical attention and
special treatment needed

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire.
General Fire Hazards	Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.
Specific hazards arising from the chemical	Vapors may travel considerable distance to a source of ignition and flash back.
Special fire-fighting procedures	No data available
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.
Methods and material for containment and cleaning up	Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.
Notification Procedures	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.
Environmental Precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

Section 7. Handling and Storage

Precautions for safe handling	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.
Conditions for safe storage, including any incompatibilities	Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 1

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Propane	1000 ppm TWA	1000 ppm PEL	N/A
	Synthetic Isoparaffinic Hydrocarbon	N/A	N/A	N/A
	Butane	800 ppm	800 ppm TWA	N/A
	Dimethylpolysiloxane	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment

General information:

Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection:

Wear goggles/face shield.

Skin/Hand Protection

No data available.

Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures:

When using do not smoke. Observe good industrial hygiene practices.

Section 9. Physical and Chemical Properties

Physical State	Liquid spray aerosol
Color	No data available
Odor	No data available
Odor Threshold	No data available
Solubility	No data available
Partition coefficient Water/n-octanol	No data available
VOC%	No data available
Viscosity	No data available

Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	-104.44C estim
FP Method	N/A
pH	No data available
Melting Point	No data available
Boiling Point	No data available
Boiling Range	No data available
LEL	1.9
UEL	9.5
Evaporation Rate	No data available
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	3102 - 4481 hPa @20C
Vapor Density	No data available

Note The above information is not intended for use in preparing product specifications. Contact Soudal before writing specifications.

Section 10. Stability and Reactivity

Reactivity	No data available
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Avoid heat or contamination.
Incompatible materials	No data available.
Hazardous Decomposition Products	No data available.

Section 11. Toxicological Information

Information on likely routes of exposure

Inhalation:
No data available.

Skin Contact:
No data available.

Eye contact:
No data available.

Ingestion:
No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:
No data available.

Skin Contact:
No data available.

Eye contact:
No data available.

Ingestion:
No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral
Product:
Not classified for acute toxicity based on available data.
Specified substance(s):
Naphtha (petroleum), light alkylate
LD 50 (Rat): > 5,000 mg/kg

Dermal
Product:
Not classified for acute toxicity based on available data.
Specified substance(s):
Naphtha (petroleum), light alkylate
LD 50 (Rabbit): > 6,000 mg/kg

Inhalation
Product:
Not classified for acute toxicity based on available data.
Specified substance(s):
Butane
LC 50: > 100 mg/l
LC 50: > 100 mg/l
Naphtha (petroleum), light alkylate
LC 50: > 20 mg/l
LC 50: > 5 mg/l
Propane
LC 50: > 100 mg/l
LC 50: > 100 mg/l

Repeated dose toxicity

Product:
No data available.
Specified substance(s):
Butane
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation
Experimental result, Key study
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation
Experimental result, Key study
Naphtha (petroleum), light alkylate
NOAEL (Mouse, Rat(Female, Male), Inhalation, 107 - 113 Weeks): 1,402 mg/m3
Inhalation Experimental result, Key study
NOAEL (Rat(Female, Male), Dermal, 5 - 28 d): 3,750 mg/kg Dermal Experimental
result, Key study
Propane
NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation
Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation
Experimental result, Key study

Skin Corrosion/Irritation

Product:
No data available.
Specified substance(s):
Naphtha (petroleum), light alkylate
In vitro (Human): not corrosive Experimental result, Supporting study

Serious Eye Damage/Eye Irritation

Product:
No data available.
Specified substance(s):
Naphtha (petroleum), light alkylate
Rabbit, 24 - 72 hrs: Not irritating

Respiratory or Skin Sensitization

Product:
No data available.
Specified substance(s):
Naphtha (petroleum), light alkylate
Skin sensitization:, in vivo (Guinea pig): Non sensitizing

Carcinogenicity

Product:
No data available.
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified
US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):
No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product:
No data available.
In vivo
Product:
No data available.

Reproductive toxicity

Product:
No data available.

Specific Target Organ
Toxicity

Single Exposure
Product:
No data available.
Repeated Exposure
Product:
No data available.

Aspiration Hazard

Product:
No data available.
Specified substance(s):
Naphtha (petroleum), light alkylate
May be fatal if swallowed and enters airways.

Other effects

No data available

Section 12. Ecological Information

Acute hazards to the
aquatic environment

Fish
Product:
No data available.
Specified substance(s):
Butane
LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
Naphtha (petroleum), light alkylate
LL 50 (Oncorhynchus mykiss, 96 h): 10 mg/l Experimental result, Key study
Propane
LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
Siloxanes and Silicones, di-Me
LC 50 (Redear sunfish (Lepomis microlophus), 96 h): 26.27 - 56.73 mg/l
Mortality
Aquatic Invertebrates
Product:
No data available.
Specified substance(s):
Butane
LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study
Naphtha (petroleum), light alkylate
EC 50 (Daphnia magna, 48 h): 4.5 mg/l Experimental result, Key study
NOAEL (Daphnia magna, 48 h): 0.5 mg/l Experimental result, Key study
Siloxanes and Silicones, di-Me
LC 50 (Water flea (Daphnia magna), 48 h): 44.5 mg/l Mortality

Chronic hazards to the
aquatic environment

Fish
Product:
No data available.
Specified substance(s):
Naphtha (petroleum), light alkylate
NOAEL (Pimephales promelas): 2.6 mg/l Experimental result, Supporting study
Aquatic Invertebrates
Product:
No data available.
Specified substance(s):
Naphtha (petroleum), light alkylate

	NOAEL (Daphnia magna): 2.6 mg/l Experimental result, Key study Toxicity to Aquatic Plants Product: No data available.
Persistence and Degradability	Biodegradation Product: No data available. Specified substance(s): Butane 100 % (385.5 h) Detected in water. Experimental result, Key study Naphtha (petroleum), light alkylate 77.05 % Detected in water. Experimental result, Supporting study 90.35 % (28 d) Detected in water. Experimental result, Supporting study Propane 100 % (385.5 h) Detected in water. Experimental result, Key study 50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study BOD/COD Ratio Product: No data available.
Bioaccumulative potential	Bioconcentration Factor (BCF) Product: No data available. Specified substance(s): Naphtha (petroleum), light alkylate Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by calculation, Key study
Partition Coefficient n-octanol / water (log Kow)	Product: No data available.
Mobility in soil	No data available Known or predicted distribution to environmental compartments Butane No data available. Naphtha (petroleum), light alkylate No data available. Propane No data available. Siloxanes and Silicones, di-Me No data available.
Other adverse effects	Harmful to aquatic organisms.

Section 13. Disposal

Disposal instructions	Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated Packaging	No data available

Section 14. Transport Information

UN Proper Shipping Name	Aerosols, flammable
DOT Classification	N/A
Packing Group	II
DOT	UN Number: UN 1950 UN Proper Shipping Name: Aerosols, flammable Transport Hazard Class(es) Class: 2.1 Label(s): – Packing Group: II Marine Pollutant: No Environmental Hazards: No Marine Pollutant: No Special precautions for user: Not regulated.
IMDG	UN Number: UN 1950 UN Proper Shipping Name: Aerosols, flammable Transport Hazard Class(es) Class: 2.1 Label(s): – EmS No: Packing Group: - Marine Pollutant: No Environmental Hazards: No Special precautions for user: Not regulated.
IATA	UN Number: UN 1950 UN Proper Shipping Name: Aerosols, flammable Transport Hazard Class(es) Class: 2.1 Label(s): – Packing Group: - Environmental Hazards: No Marine Pollutant: No Special precautions for user: Not regulated.

Section 15. Regulatory Information

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) None present or none present in regulated quantities.
CERCLA Hazardous Substance List (40 CFR 302.4)	Reportable quantity Butane lbs. 100 Propane lbs. 100
Superfund Amendments and Reauthorization Act of 1986 (SARA)	Hazard categories Fire Hazard Immediate (Acute) Health Hazards Flammable aerosol Aspiration Hazard SARA 302 Extremely Hazardous Substance None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

Reportable quantity

Butane lbs. 100

Propane lbs. 100

SARA 311/312 Hazardous Chemical

Threshold Planning Quantity

Butane 10000 lbs

Naphtha (petroleum), light alkylate 10000 lbs

Propane 10000 lbs

Siloxanes and Silicones, di-Me 10000 lbs

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

Butane

Propane

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

Butane

Propane

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

Canada DSL Inventory List:

On or in compliance with the inventory

Canada NDSL Inventory:

Not in compliance with the inventory.

Ontario Inventory:

On or in compliance with the inventory

US TSCA Inventory:

On or in compliance with the inventory

US State Regulations

International regulations

Section 16. Other Information

Revision Date

3/23/2020

Disclaimer

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protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.