

Trade name: LSS Silikon-Gleitspray

Product no.: 0303400

Current version : 2.0.0, issued: 20.06.2024

Replaced version: 1.0.0, issued: 28.05.2024

Region: GER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

LSS Silikon-Gleitspray

UFI:

TA2D-V964-C00C-2S1E

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

Relevant identified uses of the substance or mixture

Silicon

Anticaking agent

Lubricant

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Hans-Joachim Schneider GmbH

Ludwig-Erhard-Ring 23

15827 Blankenfelde-Mahlow

Telephone no. +49 33708 369-0

e-mail Info@Schneider-Berlin.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222

Aquatic Chronic 2; H411

Skin Irrit. 2; H315

STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07



GHS09

Signal word

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Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C6, isoalkanes, <5% n-hexane

Hazard statement(s)

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.
 H315 Causes skin irritation.
 H336 May cause drowsiness or dizziness.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P261 Avoid breathing spray.
 P271 Use only outdoors or in a well-ventilated area.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

UFI:

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2.3 Other hazards

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

| No | Substance name | | Additional information | | |
|----|--|--|------------------------|---------|-----|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration | | |
| 1 | Hydrocarbons, C6, isoalkanes, <5% n-hexane | | | | |
| | 64742-49-0 931-254-9 - 01-2119484651-34 | Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411 | >= 25,00 | < 50,00 | wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

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After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off with water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂); Foam; Extinguishing powder

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Vapours can form a highly flammable mixture with air.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water. Run-off water from fire fighting must not be discharged into drains or enter surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Keep away from ignition sources.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

Advice on protection against fire and explosion

Keep away from ignition sources and provide for good ventilation. Vapours can form an explosive mixture with air. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place.

Recommended storage temperature

Value 15 - 30 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

Storage Class according TRGS 510

2B Aerosol dispensers and lighters

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

| No | Substance name | CAS no. | EC no. |
|----|---|------------------------|------------------------|
| 1 | butane | 106-97-8 | 203-448-7 |
| | TRGS 900 | | |
| | Butan | | |
| | WEL long-term (8-hr TWA reference period) | 2400 mg/m ³ | 1000 ml/m ³ |
| | Ceiling Limit | 4(II) | |
| 2 | propane | 74-98-6 | 200-827-9 |
| | TRGS 900 | | |
| | Propan | | |
| | WEL long-term (8-hr TWA reference period) | 1800 mg/m ³ | 1000 ml/m ³ |
| | Ceiling Limit | 4(II) | |
| 3 | isobutane | 75-28-5 | 200-857-2 |
| | TRGS 900 | | |
| | Isobutan | | |
| | WEL long-term (8-hr TWA reference period) | 2400 mg/m ³ | 1000 ml/m ³ |
| | Ceiling Limit | 4(II) | |

DNEL, DMEL and PNEC values**DNEL values (worker)**

| No | Substance name | CAS / EC no |
|----|-------------------|-------------|
| | Route of exposure | Value |
| | Exposure time | Effect |

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| | | | | |
|---|--|---------------------|----------|---------------------------------------|
| 1 | Hydrocarbons, C6, isoalkanes, <5% n-hexane | | | 64742-49-0 931-254-9 |
| | dermal | Long term (chronic) | systemic | 13964 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 5306 mg/m ³ |

DNEL value (consumer)

| No | Substance name | | | CAS / EC no |
|----|--|---------------------|----------|---------------------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | Hydrocarbons, C6, isoalkanes, <5% n-hexane | | | 64742-49-0 931-254-9 |
| | oral | Long term (chronic) | systemic | 1301 mg/kg/day |
| | dermal | Long term (chronic) | systemic | 1377 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 1131 mg/m ³ |

8.2 Exposure controls**Appropriate 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 solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| | |
|--------------------------------------|-------------------|
| State of aggregation | liquid |
| Form | Aerosol |
| Colour | transparent |
| Odour | characteristic |
| pH value | No data available |
| Boiling point / boiling range | No data available |

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| | |
|--|------------------------|
| Melting point/freezing point | |
| No data available | |
| Decomposition temperature | |
| No data available | |
| Flash point | |
| No data available | |
| Ignition temperature | |
| No data available | |
| Flammability | |
| No data available | |
| Lower explosion limit | |
| Value | 1,8 % vol |
| Source | supplier |
| Upper explosion limit | |
| Value | 15 % vol |
| Source | supplier |
| Vapour pressure | |
| Value | 3 - 5 bar |
| Source | supplier |
| Relative vapour density | |
| Value | 2 |
| Source | supplier |
| Comments | relative vapor density |
| Relative density | |
| No data available | |
| Density | |
| No data available | |
| Solubility in water | |
| Source | supplier |
| Comments | insoluble |
| Solubility | |
| No data available | |
| Soluble in | |
| oils | |
| Partition coefficient n-octanol/water (log value) | |
| No data available | |
| Kinematic viscosity | |
| No data available | |
| Particle characteristics | |
| No data available | |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

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10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

oxidizing substances; strong oxidizing agents; strong reducing agents

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|--|-------------------|
| Acute oral toxicity | No data available |
| Acute dermal toxicity | No data available |
| Acute inhalational toxicity | No data available |
| Skin corrosion/irritation | No data available |
| Serious eye damage/irritation | No data available |
| Respiratory or skin sensitisation | No data available |
| Germ cell mutagenicity | No data available |
| Reproduction toxicity | No data available |
| Carcinogenicity | No data available |
| STOT - single exposure | No data available |
| STOT - repeated exposure | No data available |
| Aspiration hazard | No data available |

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

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| |
|--------------------------------------|
| Toxicity to fish (acute) |
| No data available |
| Toxicity to fish (chronic) |
| No data available |
| Toxicity to Daphnia (acute) |
| No data available |
| Toxicity to Daphnia (chronic) |
| No data available |
| Toxicity to algae (acute) |
| No data available |
| Toxicity to algae (chronic) |
| No data available |
| Bacteria toxicity |
| No data available |

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment | |
|------------------------------------|--|
| PBT assessment | According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT. According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB. |
| vPvB assessment | |

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

| Other information |
|---|
| Do not discharge product unmonitored into the environment. Do not discharge into drains or waters and do not dispose of in public landfills. |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

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14.1 UN number or ID number

| | |
|-----------------------|--------|
| ADR/RID/ADN | UN1950 |
| IMDG | UN1950 |
| ICAO-TI / IATA | UN1950 |

14.2 UN proper shipping name

| | |
|-----------------------|--|
| ADR/RID/ADN | AEROSOLS |
| Technical name | Hydrocarbons, C6, isoalkanes, <5% n-hexane |
| IMDG | AEROSOLS |
| Technical name | Hydrocarbons, C6, isoalkanes, <5% n-hexane |
| ICAO-TI / IATA | Aerosols, flammable |
| Technical name | Hydrocarbons, C6, isoalkanes, <5% n-hexane |

14.3 Transport hazard class(es)

| | |
|-------------------------------|-----|
| ADR/RID/ADN - Class | 2 |
| Label | 2.1 |
| Classification code | 5F |
| Tunnel restriction code | D |
| IMDG - Class | 2 |
| Label | 2.1 |
| ICAO-TI / IATA - Class | 2.1 |
| Label | 2.1 |

14.4 Packing group

| | |
|-----------------------|---|
| ADR/RID/ADN | - |
| IMDG | - |
| ICAO-TI / IATA | - |

14.5 Environmental hazards

| | |
|-----------------------|------------------------|
| ADR/RID/ADN | Symbol "fish and tree" |
| IMDG | Symbol "fish and tree" |
| EmS | F-D, S-U |
| ICAO-TI / IATA | Symbol "fish and tree" |

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

| | |
|--|------|
| The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. | No 3 |
|--|------|

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

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| | |
|---|---------|
| This product is subject to Part I of Annex I, risk category: | E2, P3a |
| If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply. | |

| |
|--|
| Other regulations |
| Adhere to the national sanitary and occupational safety regulations when using this product. |

National regulations

Water Hazard Class (Germany)

| | |
|--------|--|
| Class | 2 |
| Source | Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water). |

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.
 Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.
 National Threshold Limit Values of the corresponding countries as amended in each case.
 Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
 The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|------|---|
| H225 | Highly flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |

Creation of the safety data sheet

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This information is based on our present knowledge and experience.
 The safety data sheet describes products with a view to safety requirements.
 It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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