



SILICONI COMMERCIALE SPA

Via Francia 4 Z.I. – 36053 GAMBELLARA (VI) ITALY
Tel +39 0444 649766 Fax +39 0444 440018 www.siliconi.it

Safety Data Sheet LUBRITEX



Safety Data Sheet dated 9/3/2022, version 5.0

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

1.1. Product identifier

Mixture identification:
Trade name: LUBRITEX
Trade code: 55550/50
UFI: X5FM-NKJJ-T10R-DHYG

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

Recommended use:
Releasing agent, Lubricant Silicone (liquid)
Uses advised against:
Relevant uses are listed above. No other uses are recommended.

1.3. Details of the supplier of the safety data sheet

Company:
SILICONI COMMERCIALE SPA - Via Francia 4 Z.I. 36053 Gambellara (VI) ITALY Phone No.: +39 0444 649766
SILICONI COMMERCIALE SPA - ph n. +39 0444 649766 From Monday to Friday from 8 a.m. to 5 p.m.
Competent person responsible for the safety data sheet:
lab@siliconi.it

1.4. Emergency telephone number

SILICONI COMMERCIALE SPA - ph n. +39 0444 649766 From Monday to Friday from 8 a.m. to 5 p.m.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.
Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements

Hazard pictograms:



Danger
Hazard statements:
H304 May be fatal if swallowed and enters airways.
Precautionary statements:
P102 Keep out of reach of children.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with regulation.
Special Provisions:
EUH066 Repeated exposure may cause skin dryness or cracking.
The manufacturer cannot be held responsible in case of damages caused by incorrect use of the product.

Contains

Hydrocarbons, C10-C13, n-alkanes, <2% aromatics
Special provisions according to Annex XVII of REACH and subsequent amendments:
None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$
Other Hazards:
No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances



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Safety Data Sheet LUBRITEX

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 90%	Hydrocarbons, C10-C13, n-alkanes, <2% aromatics	EC: 929-018-5 REACH No.: 01-2119475608-26	3.10/1 Asp. Tox. 1 H304 EUH066

For the wording of the listed hazard statements refer to section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing and wash them before reuse.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath). In case of irritation seek medical advice.

In case of eyes contact:

After contact with the eyes, rinse immediately with plenty of water with open eyelids for at least 15 minutes. Remove contact lenses, if it is easy to do so. Then consult an ophthalmologist immediately.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest. Consult a doctor in case of difficult breathing.

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

For symptoms and effects due to the contained substances, see Section 11.

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO2 (carbon dioxide), dry chemical or chemical foam fire extinguisher.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases. Do not inhale explosion and combustion gases. Combustion originates complex gas mixtures, containing carbon monoxide (CO), carbon dioxide (CO2) and unburned hydrocarbons. Vapours are heavier than air, and may form flammable mixtures with air.

5.3. Advice for firefighters

Wear full fire protection equipment (Type EN 11611 or EN469) with self-contained breathing apparatus (Type EN 137), visor helmet and neck protection (Type EN443), anti-heat gloves (Type EN407).

Cool with nebulized water the containers involved by the fire to avoid overheating. Do not let the extinguishing media penetrate the sewers or waterways.

Move undamaged containers from immediate hazard area if it can be done safely.

Collect contaminated fire extinguishing water separately. Fire extinguishing water must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment. Clearly indicate the risk of slipping. Remove all sources of ignition. Remove persons to safety. See protective measures under point 7 and 8.

For emergency responders:

Emergency operators are advised to wear appropriate personal protective equipment as indicated in section 8.

The vapors are heavier than air and can accumulate in enclosed spaces and low areas where it can easily catch fire. In the event that the situation can not be fully evaluated or if there is a risk of oxygen deficiency, use only an autonomous respirator (Type EN137).



Safety Data Sheet

LUBRITEX

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

In case of leakage of large quantities of product stem and withdraw mechanically by transferring the product into suitable containers: recover if possible. Suitable material for taking up: absorbing material, organic, sand. Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not use near flames or other possible sources of ignition. Do not smoke during work.

Use only in a well ventilated area. Vapours may burn, causing explosions. Prevent vapours accumulation by keeping doors and windows open and by assuring a proper ventilation. Vapours are heavier than air, so they can accumulate in confined spaces and spread over the ground, causing fire risk even if the ignition occurs far away from the leakage. Avoid direct exposure to sunlight. Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from direct sunlight. Keep in fresh and dry place. Keep containers upright avoiding the possibility of falls or collisions. Keep the product into original containers and tightly closed. Keep away from food, drink and feed.

Incompatible materials:

See section number 10.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Appropriate engineering controls:

Adequately ventilate rooms where the product is stored and handled. Use only if the place is adequately ventilated.

Local ventilation might be necessary for certain operations. Minimize exposure concentration at the workplace. Use proper technical equipment to maintain the concentration below threshold limit values or guidelines for exposure.

Eye protection:

Wear goggles with lateral protection EN166 .

If exposure to vapours cause a sense of bother to eyes, use antigas mask with complete facial.

Protection for skin:

Wear clean antistatic and covering garments, and antistatic safety-shoes for professional use, S2 category (Type EN20345).

In case of long and frequent contact use protective garments, than are impervious to this product (Type EN340 – EN13034).

Protection for hands:

During manipulation is necessary protect hands with chemical resistant gloves Type EN374 (PVC, PE, neoprene, Nitrile, Viton, not natural Rubber). It is recommended to use gloves with Protective Index 6: permeation time >480min, Thickness >0,3mm. Change gloves in case of wear, cracks or internal contamination.

Respiratory protection:

Product concentration in air should be lower than exposure limit values. As the concentration exceed the threshold limit values, proper respiratory protection should be used. Use protective masks EN149 with FFP2 filters, half-face respirator type EN140 with EN143:A2 filters, or full face breathing mask EN136 with EN143:A2 filters.



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Safety Data Sheet LUBRITEX

Thermal Hazards:

None

Environmental exposure controls:

Emissions originating from production and use of the product, included those originated during ventilation operations, should be monitored in order to comply with the environmental protection regulations. Product residuals shouldn't be drained into watercourses or waste water.

For further information see section 6.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Notes:
Physical state:	Liquid	--
Colour:	colourless	--
Odour:	Feeble	--
Melting point/freezing point:	-21°C	--
Boiling point or initial boiling point and boiling range:	186-231°C	--
Flammability:	N.A.	--
Lower and upper explosion limit:	N.A.	--
Flash point:	72°C	--
Auto-ignition temperature:	210°C	--
Decomposition temperature:	N.A.	--
pH:	N.A.	--
Kinematic viscosity:	1,52 mm ² /s (a 40°C)	--
Solubility in water:	insoluble	--
Solubility in oil:	Yes in aliphatic, aromatic, cyclic hydrocarbons	--
Partition coefficient n-octanol/water (log value):	7,3	--
Vapour pressure:	<1 KPa (a 20°C)	--
Density and/or relative density:	0,745 g/ml (a 20°C)	--
Relative vapour density:	> 1	--
Explosive properties:	Non explosive	--
Particle characteristics:		
Particle size:	N.A.	--

9.2. Other information

No other relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

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a) acute toxicity

Not classified

Based on available data, the classification criteria are not met



Safety Data Sheet

LUBRITEX

- b) skin corrosion/irritation
Not classified
Based on available data, the classification criteria are not met
- c) serious eye damage/irritation
Not classified
Based on available data, the classification criteria are not met
- d) respiratory or skin sensitisation
Not classified
Based on available data, the classification criteria are not met
- e) germ cell mutagenicity
Not classified
Based on available data, the classification criteria are not met
- f) carcinogenicity
Not classified
Based on available data, the classification criteria are not met
- g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
- h) STOT-single exposure
Not classified
Based on available data, the classification criteria are not met
- i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met
- j) aspiration hazard
The product is classified: Asp. Tox. 1 H304

Toxicological information of the main substances found in the product:

Hydrocarbons, C10-C13, n-alkanes, <2% aromatics

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 5 mg/l - Duration: 8h - Source: OECD 403

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

b) skin corrosion/irritation:

Species: Rabbit No Irritant

c) serious eye damage/irritation:

Species: Rabbit No Irritant

d) respiratory or skin sensitisation:

Test: Maximization - Species: Guinea pig Not sensitising

g) reproductive toxicity:

Test: NOAEL - Species: Rat 1000 mg/kg

i) STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 408

Test: NOAEC - Route: Inhalation - Species: Rat 10.4 mg/l - Source: OECD 413

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration \geq 0.1%

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

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Not classified for environmental hazards

Based on available data, the classification criteria are not met

Hydrocarbons, C10-C13, n-alkanes, <2% aromatics

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish (*Oncorhynchus mykiss*) > 10-100 mg/l - Duration h: 96 - Notes: OECD 203

Endpoint: LC50 - Species: *Daphnia magna* > 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: *Skeletonema costatum*

12.2. Persistence and degradability

Hydrocarbons, C10-C13, n-alkanes, <2% aromatics

Biodegradability: Readily biodegradable - Duration: 28d - %: 60



Safety Data Sheet

LUBRITEX

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration $\geq 0.1\%$

12.7. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of product residual according local/national regulations.
Recover if possible. In doing so, comply with the local and national regulations currently in force.
Empty containers: remove any residual product. Dispose of containers according regulation.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

No restriction.

Where applicable, refer to the following regulatory provisions :
Directive 2012/18/EU (Seveso III)



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Safety Data Sheet LUBRITEX

Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

Hazard class and hazard category	Code	Description
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Asp. Tox. 1, H304	Calculation method

This safety data sheet has been completely updated in compliance to Regulation 2020/878.

Paragraphs modified from the previous revision: SECTION: 1, 2, 8, 9, 11, 12, 15, 16.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

N.A.: Not available

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWA: Time-weighted average



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Safety Data Sheet

LUBRITEX

WGK: German Water Hazard Class.