



SAFETY DATA SHEET

Tilia Gängspray



SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 13.05.2015

1.1. Product identifier

Product name Tilia Gängspray

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

Use of the substance/preparation Cutting liquid for thread.

Relevant identified uses SU21 Consumer uses: Private households (= general public = consumers)

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

PC14 Metal surface treatment products, including galvanic and electroplating products,

PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

ERC4 Industrial use of processing aids in processes and products, not becoming part of articles

ERC8A Wide dispersive indoor use of processing aids in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name SIMFAS AB

Postal address Box 129

Postcode 272 23

City Simrishamn

Country Sweden

Tel + 46 414 170 90

E-mail eva.lundholm@lyckeby.com

Website <http://www.simfas.se>

Contact person Eva Lundholm

1.4. Emergency telephone number

Emergency telephone SOS Alarm:112

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to F+

67/548/EEC or 1999/45/EC R12

Classification according to Aerosol 1;H222;

Regulation (EC) No 1272/2008

[CLP/GHS]

2.2. Label elements

Hazard Pictograms (CLP)



Composition on the label	Rape oil:40 - 50 %, Rape methyl ether:17 - 20 %, Propan-2-ol:< 0,5 %, Butane:15 - 30 %, Propane:5 - 15 %, 1,3-Butadiene:< 0,1 %
Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Precautionary statements	P211 Do not spray on an open flame or other ignition source. P405 Store locked up. P251 Pressurized container: Do not pierce or burn, even after use. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P501 Dispose of contents/container to destruction

2.3. Other hazards

PBT / vPvB	No
Other hazards	No other hazards are known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Rape oil	CAS no.: 8002-13-9 EC no.: 232-299-0		40 - 50 %
Rape methyl ether	CAS no.: 67762-38-3 EC no.: 267-015-4		17 - 20 %
Propan-2-ol	CAS no.: 67-63-0 EC no.: 200-661-7 Index no.: 603-117-00-0 Synonyms: Propan-2-ol	F; R11 Xi; R36 R67 Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	< 0,5 %
Butane	CAS no.: 106-97-8 EC no.: 203-448-7 Index no.: 601-004-00-0 Synonyms: Butane	F+; R12 Flam. gas 1; H220 Press. Gas Note : C	15 - 30 %
Propane	CAS no.: 74-98-6 EC no.: 200-827-9 Index no.: 601-003-00-5	F+; R12 Flam. gas 1; H220 Press. Gas	5 - 15 %
1,3-Butadiene	CAS no.: 106-99-0 EC no.: 203-450-8 Index no.: 601-013-00-X Synonyms: Buta-1,3-diene	F+; R12 Cancer 1; R45 Mut 2; R46 Flam. gas 1; H220 Press. Gas Carc. 1A; H350 Muta. 1B; H340 Note : D, Carc	< 0,1 %
Substance comments	See Section 16 for the full wording of the Risk and Hazard phrases in this section. Any existing hygienic exposure limits, should they exist, are indicated in Section 8.		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air.
Skin contact	Wash skin with soap and water.

Eye contact	Rinse with water. Contact physician if discomfort continues.
Ingestion	DO NOT INDUCE VOMITING! Drink several glasses of water. Seek medical advice at once.

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

Acute symptoms and effects	Irritating to eyes and skin.
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4.3. Indication of any immediate medical attention and special treatment needed

Other Information	No recommendation given.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Carbon dioxide (CO ₂). Carbon monoxide (CO).
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5.3. Advice for firefighters

Fire fighting procedures	Self contained breathing apparatus and full protective clothing must be worn in case of fire. Keep run-off water out of sewers and water sources. Dike for water control.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Observe the safety precautions listed in points 7 and 8 below.
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6.2. Environmental precautions

Environmental precautionary measures	Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation. If this is not possible notify police and appropriate authorities immediately.
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6.3. Methods and material for containment and cleaning up

Cleaning method	Absorb in vermiculite, dry sand or earth and place into containers.
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6.4. Reference to other sections

Other instructions	For personal protective equipment, see Section 8 and for other advice on waste management, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Observe good chemical hygiene practices. Use non sparking handtools and explosion-proof electric equipment. Do not smoke or use open fire, or other sources of ignition.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in closed original container at temperatures between 0°C and 40°C.
Conditions To Avoid	Avoid contact with oxidising agents. Store isolated from reducing agents.

7.3. Specific end use(s)

Specific use(s)	Supplemental product information is provided in the technical documentation.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure limit values

Substance	Identification	Value	TWA Year
Propan-2-ol	CAS no.: 67-63-0	8-hour TWA: 400 ppm	2011
	EC no.: 200-661-7	8-hour TWA: 999 mg/m ³	
	Index no.: 603-117-00-0	15 min.: 500 ppm	

	Synonyms: Propan-2-ol	15 min.: 1250 mg/m ³	
Butane	CAS no.: 106-97-8 EC no.: 203-448-7 Index no.: 601-004-00-0 Synonyms: Butane	8-hour TWA: 600 ppm 8-hour TWA: 1450 mg/m ³ 15 min.: 750 ppm 15 min.: 1810 mg/m ³	2011
Propane	CAS no.: 74-98-6 EC no.: 200-827-9 Index no.: 601-003-00-5		

8.2. Exposure controls

Limitation of exposure on workplace Provide adequate general and local exhaust ventilation.

Precautionary measures to prevent exposure

Technical measures to prevent exposure Provide adequate general and local exhaust ventilation.

Respiratory protection

Respiratory protection Respiratory protection must be used if air contamination exceeds acceptable level. Använd helmask med filter: A

Hand protection

Hand protection Nitrile gloves are recommended.

Eye / face protection

Eye protection Vid risk för stänk använd tättslutande skyddsglasögon eller visir.

Skin protection

Skin protection (except hands) Provide eyewash, quick drench.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Light brown.
Odour	Oil smell.
Comments, pH (as supplied)	Not determined.
Comments, Melting point / melting range	Not determined.
Boiling point / boiling range	Value: 280-350 °C Method of testing: Raspmetylester
Flash point	Value: < 0 °C
Comments, Evaporation rate	Not determined.
Flammability (solid, gas)	Not determined.
Lower explosion limit with unit of measurement	Value: 0,4 %
Upper explosion limit with units of measurement	Value: 10 %
Comments, Explosion limit	Not determined.
Comments, Vapour pressure	Not determined.
Comments, Vapour density	Not determined.
Specific gravity	Value: 0,75 g/cm ³ Method of testing: vid 20°C ISO 2811
Solubility description	Forms an emulsion with water.
Solubility in fat	Not determined.
Comments, Partition coefficient: n-octanol / water	Not determined.
Comments, Decomposition temperature	Not determined.

Comments, Viscosity	Not determined.
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Oxidising properties	Not determined.
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9.2. Other information

Other physical and chemical properties

Comments	The values indicated do not always correspond to the product specification. Specific values are given in the technical documentation.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No dangerous reactions under correct storage and handling procedures.
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10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No recommendation given.
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10.4. Conditions to avoid

Conditions to avoid	Reducing agent - avoid contact with oxidisers.
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10.5. Incompatible materials

Materials to avoid	Data lacking.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Nitrous gases (NO _x).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data for substances

Substance	Rape methyl ether
LD50 oral	Value: > 5000 mg/l Animal test species: Råtta

Potential acute effects

Eye contact	Splashes may irritate.
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SECTION 12: Ecological information

12.1. Toxicity

Toxicological data for substances

Substance	Rape methyl ether
Acute aquatic, fish	Value: > 100 mg/l
Biodegradability	Comments: The product meets the requirements for readily biodegradable product.

12.2. Persistence and degradability

Persistence and degradability	Not determined.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Not determined.
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12.4. Mobility in soil

Comments, Water solubility	Not determined.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	Not determined.
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12.6. Other adverse effects

Comments Global warming potential	Ej fastställt.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Liquid components can be disposed of by incineration.
Product classified as hazardous waste	Yes
Packaging classified as hazardous waste	Yes
EWC waste code	EWC: 120119 readily biodegradable machining oil EWC: 110111 aqueous rinsing liquids containing dangerous substances
Other Information	Waste is classified as hazardous waste. Do not puncture or incinerate even when empty.

SECTION 14: Transport information

14.1. UN number

ADR	1950
RID	1950
IMDG	1950
ICAO/IATA	1950

14.2. UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
IMDG	AEROSOLS
ICAO/IATA	AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR	2.1
RID	2.1
IMDG	2.1
ICAO/IATA	2.1

14.4. Packing group

ADN	-
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14.5. Environmental hazards

Comments	No recommendation given.
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14.6. Special precautions for user

EmS	F-D, S-U
Special safety precautions for user	No recommendation given.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Additional information.

Additional information.	Not relevant.
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SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

Classification according to Regulation (EC) No 1272/2008	Aerosol 1; H222;
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[CLP/GHS]

List of relevant R-phrases (under headings 2 and 3).

R67 Vapours may cause drowsiness and dizziness.
R12 Extremely flammable.
R36 Irritating to eyes.
R11 Highly flammable.
R46 May cause heritable genetic damage.
R45 May cause cancer.

List of relevant H-phrases (Section 2 and 3).

H350 May cause cancer
H222 Extremely flammable aerosol.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Information which has been added, deleted or revised

Version 1.

Version

1

Responsible for safety data sheet

SIMFAS AB

Prepared by

Eva Lundholm