



SAFETY DATA SHEET

Tilia Allroundolja



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 02.04.2015

1.1. Product identifier

Product name Tilia Allroundolja

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

Use of the substance/preparation Lubricant.

Relevant identified uses

- 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 67/548/EEC or 1999/45/EC Xn; R65,R66

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] EUH 066; Asp. tox 1;H304;

2.2. Label elements

Hazard Pictograms (CLP)



Composition on the label	Rape oil:5 - 10 %, Rape methyl ether:20 - 25 %, Paraffins (petroleum), normal C10-C13:70 - 75 %
Signal word	Danger
Hazard statements	H304 May be fatal if swallowed and enters airways.
Precautionary statements	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P405 Store locked up. P501 Innehållet/behållaren lämnas till destruktion
Supplemental label information	EUH 066 Repeated exposure may cause skin dryness or cracking.
Child-protection	Yes
Tactile warnings	Yes

2.3. Other hazards

PBT / vPvB	Nej
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		5 - 10 %
Rape methyl ether	CAS no.: 67762-38-3 EC no.: 267-015-4		20 - 25 %
Paraffins (petroleum), normal C10-C13	CAS no.: 64771-72-8 EC no.: 929-018-5 Registration number: 01-2119475608-26	Xn; R65,R66 EUH 066; Asp. tox 1;H304;	70 - 75 %
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.
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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
Paraffins (petroleum), normal C10-C13	CAS no.: 64771-72-8	8-hour TWA: 350 mg/m ³	1989
	EC no.: 929-018-5	15 min.: 500 mg/m ³	
	Registration number: 01-2119475608-26		

DNEL / PNEC

Control parameters comments	DNEL/PNEC no data.
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8.2. Exposure controls

Limitation of exposure on workplace	Provide adequate general and local exhaust ventilation.
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Precautionary measures to prevent exposure

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

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

Hand protection	Nitrile gloves are recommended.
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Eye / face protection

Eye protection	If risk of splashing, wear safety goggles or face shield.
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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: 180-350 °C Method of testing: Raspmetylester, Paraffin
Flash point	Value: > 61 °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: 6,5 %
Comments, Explosion limit	Not determined.
Comments, Vapour pressure	Not determined.
Comments, Vapour density	Not determined.
Specific gravity	Value: 0,75
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.
Oxidising properties	Not determined.

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.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No dangerous reactions under correct storage and handling procedures.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No recommendation given.

10.4. Conditions to avoid

Conditions to avoid Reducing agent - avoid contact with oxidisers.

10.5. Incompatible materials

Materials to avoid Data lacking.

10.6. Hazardous decomposition products

Hazardous decomposition products Nitrous gases (NOx).

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	Not determined
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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

SECTION 14: Transport information

14.1. UN number

Comments	Not dangerous goods.
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14.2. UN proper shipping name

Comments	Not dangerous goods.
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14.3. Transport hazard class(es)

Comments	Not dangerous goods.
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14.4. Packing group

Comments	Not dangerous goods.
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14.5. Environmental hazards

Comments	Not dangerous goods.
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14.6. Special precautions for user

Special safety precautions for user	No recommendation given.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**Additional information.**Additional information. Not relevant.**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 No performed**SECTION 16: Other information**

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]	; EUH 066; Asp. tox 1; H304;
List of relevant R-phrases (under headings 2 and 3).	R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking.
List of relevant H-phrases (Section 2 and 3).	H304 May be fatal if swallowed and enters airways. EUH 066 Repeated exposure may cause skin dryness or cracking.
Information which has been added, deleted or revised	Version 1.
Version	1
Responsible for safety data sheet	SIMFAS AB
Prepared by	Eva Lundholm