



SAFETY DATA SHEET

Tilia Skärolja



The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 15.04.2015

1.1. Product identifier

Product name Tilia Skärolja

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
 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 Kemiakuten öppet dygnet runt 7 dagar i veckan:020-99 60 00
 SOS Alarm:112

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Substance / mixture hazardous properties Not regarded as a health or environmental hazard under current legislation.

2.2. Label elements

Composition on the label Rape oil:70 - 75 %, Rape methyl ether:25 - 35 %, Propan-2-ol:< 0,5 %

Other Label Information (CLP) EUH210 Safety data sheet available on request.

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 | | 70 - 75 % |
| Rape methyl ether | CAS no.: 67762-38-3 EC no.: 267-015-4 | | 25 - 35 % |
| Propan-2-ol | CAS no.: 67-63-0 EC no.: 200-661-7 Index no.: 603-117-00-0 | Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE3; H336 | < 0,5 % |
| 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.

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

Other Information No recommendation given.

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 (CO₂). Carbon monoxide (CO).

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. |
|--------------------------|---|

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.

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. |
|--------------------------------------|--|

6.3. Methods and material for containment and cleaning up

Cleaning method Absorb in vermiculite, dry sand or earth and place into containers.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling Observe good chemical hygiene practices.

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.

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 | |
| | EC no.: 200-661-7 | 8-hour TWA: 999 mg/m ³ | |
| | Index no.: 603-117-00-0 | 15 min.: 500 ppm | |
| | | 15 min.: 1250 mg/m ³ | |

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 If risk of splashing, wear safety goggles or face shield.

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: > 140 °C Method of testing: Raspmetylester |
| Comments, Evaporation rate | Not determined. |
| Flammability (solid, gas) | Not determined. |
| Lower explosion limit with unit of measurement | Value: 1 % |

| | |
|--|---|
| Upper explosion limit with units of measurement | Value: 8 % |
| Comments, Explosion limit | Not determined. |
| Comments, Vapour pressure | Not determined. |
| Comments, Vapour density | Not determined. |
| Specific gravity | Value: 0,93 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. |
| 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 (NO _x). |
|----------------------------------|-----------------------------------|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

| | |
|--------------------------|--|
| Other toxicological data | Based on available data the classification criteria are not met. |
|--------------------------|--|

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. |
|-------------|------------------------|

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. |
|-------------------------------|-----------------|

12.3. Bioaccumulative potential

| | |
|---------------------------|-----------------|
| Bioaccumulative potential | Not determined. |
|---------------------------|-----------------|

12.4. Mobility in soil

| | |
|----------------------------|-----------------|
| Comments, Water solubility | Not determined. |
|----------------------------|-----------------|

12.5. Results of PBT and vPvB assessment

| | |
|------------------------|-----------------|
| PBT assessment results | Not determined. |
|------------------------|-----------------|

12.6. Other adverse effects

| | |
|-----------------------------------|----------------|
| Comments Global warming potential | Ej fastställt. |
|-----------------------------------|----------------|

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 | No |
|---------------------------------------|----|

| | |
|---|----|
| Packaging classified as hazardous waste | No |
|---|----|

| | |
|----------------|--|
| EWC waste code | EWC: 20 01 26 oil and fat other than those mentioned in 20 01 25 |
|----------------|--|

SECTION 14: Transport information

14.1. UN number

| | |
|----------|----------------------|
| Comments | Not dangerous goods. |
|----------|----------------------|

14.2. UN proper shipping name

| | |
|----------|----------------------|
| Comments | Not dangerous goods. |
|----------|----------------------|

14.3. Transport hazard class(es)

| | |
|----------|----------------------|
| Comments | Not dangerous goods. |
|----------|----------------------|

14.4. Packing group

| | |
|----------|----------------------|
| Comments | Not dangerous goods. |
|----------|----------------------|

14.5. Environmental hazards

| | |
|----------|----------------------|
| Comments | Not dangerous goods. |
|----------|----------------------|

14.6. Special precautions for user

| | |
|-------------------------------------|--------------------------|
| 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. |
|-------------------------|---------------|

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 |
|--------------------------------------|----|

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3).
H336 May cause drowsiness or dizziness.
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Information which has been added, deleted or revised
Version 1.

Version
2

Responsible for safety data sheet
SIMFAS AB

Prepared by
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