

## SAFETY DATA SHEET

## Tilia Skärpasta

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

## 1.1. Product identifier

## Trade name

Tilia Skärpasta

## ▼ Unique formula identifier (UFI)

E3N6-3RGS-110R-GGAG

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

## Relevant identified uses of the substance or mixture

Lubricant

## ▼ Uses advised against

No special

## 1.3. Details of the supplier of the safety data sheet

## Company and address

**SimFAS Sweden AB**

Box 129

SE-272 23 Simrishamn

Sweden

+46 (0) 414 170 90

www.simfas.se

## Contact person

Inga Göransson

## E-mail

info@simfas.se

## SDS date

2021-01-05

## SDS Version

2.0

## Date of previous version

2019-12-11 (1.0)

## 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.

## 2.2. Label elements

## Hazard pictogram(s)



## Signal word

Warning

## Hazard statement(s)

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Causes serious eye irritation.

Safety statement(s)

▼ General

-

▼ Prevention

P280, Wear eye protection / protective gloves.

Response

P305P351P338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

▼ Storage

-

▼ Disposal

-

▼ Hazardous substances

No special

2.3. Other hazards

Additional labelling

Not applicable

▼ Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

▼ 3.2 Mixtures

Product/Ingredient name	Identifiers	% w/w	Classification	Note
Rape oil	CAS No.: 8002-13-9 EC No.: 232-299-0 REACH No.: Index No.:	60-80%		
Calcium dihydroxide	CAS No.: 1305-62-0 EC No.: 215-137-3 REACH No.: 01-2119475151-45-xxxx Index No.:	1-3%	Eye Dam. 1, H318 STOT SE 3, H335 (SCL: 20.00 %) Skin Irrit. 2, H315	EU

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

EU: European occupational exposure limit

SECTION 4: First aid measures

▼ 4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**▼ Inhalation**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**▼ Skin contact**

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

**▼ Eye contact**

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

**Ingestion**

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

**Burns**

Not applicable

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

**▼ Information to medics**

Bring this safety data sheet or the label from this product.

**SECTION 5: Firefighting measures****▼ 5.1. Extinguishing media**

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

**▼ 5.2. Special hazards arising from the substance or mixture**

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>).

Some metal oxides.

**▼ 5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

No specific requirements

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

**6.3. Methods and material for containment and cleaning up**

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section on "Disposal considerations" in regard of handling of waste.  
See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section on 'Exposure controls/personal protection' for information on personal protection.

### ▼7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### ▼ Storage temperature

Temperatur
0 °C – 30 °C

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### ▼8.1. Control parameters

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Calcium dihydroxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 5(inhalable)/1(respirable)

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 4(respirable)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020)

#### ▼ DNEL

No data available

#### ▼ PNEC

No data available

### ▼8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Smoking, eating and drinking are not allowed in the work premises

#### ▼ Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### ▼ Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above).

Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended.

Ensure emergency eyewash and -showers are clearly marked.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

No specific requirements

#### Individual protection measures, such as personal protective equipment

Generally

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Use only CE marked protective equipment.

▼ Respiratory Equipment


Work situation	Type	Class	Colour	Standards
In the event of adequate ventilation	Respiratory protection is not needed	-	-	-

Skin protection

No specific requirements


▼ Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
	Nitrile	0.2	> 480	EN374-2, EN374-3, EN388



▼ Eye protection

Work situation	Type	Standards
	Safety glasses	EN166



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Liquid

Colour

Yellowish

Odour

Characteristic

▼ Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

▼ pH

Testing not relevant or not possible due to nature of the product.

Density (g/cm<sup>3</sup>)

0.93

▼ Viscosity

Testing not relevant or not possible due to nature of the product.

Phase changes

▼ Melting point (°C)

Testing not relevant or not possible due to nature of the product.

▼ Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

▼ Vapour pressure

Testing not relevant or not possible due to nature of the product.

▼ Vapour density

Testing not relevant or not possible due to nature of the product.

▼ Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

▼ Evaporation rate (n-butylacetate = 100)

Testing not relevant or not possible due to nature of the product.

Data on fire and explosion hazards

Flash point (°C)

>100 °C

▼ Ignition (°C)

Testing not relevant or not possible due to nature of the product.

▼ Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

▼ Explosion limits (% v/v)

Testing not relevant or not possible due to nature of the product.

▼ Explosive properties

Testing not relevant or not possible due to nature of the product.

▼ Oxidizing properties

Testing not relevant or not possible due to nature of the product.

Solubility

▼ Solubility in water

Testing not relevant or not possible due to nature of the product.

▼ n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

▼ Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Product/Ingredient name	Species	Test	Route of exposure	Result
Calcium dihydroxide	Rat	LD50	Oral	>2000 mg/l

▼ Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

▼ Respiratory sensitisation

Based on available data, the classification criteria are not met.

▼ Skin sensitisation

Based on available data, the classification criteria are not met.

▼ Germ cell mutagenicity

Based on available data, the classification criteria are not met.

▼ Carcinogenicity

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Based on available data, the classification criteria are not met.

▼ **Reproductive toxicity**

Based on available data, the classification criteria are not met.

▼ **STOT-single exposure**

Based on available data, the classification criteria are not met.

▼ **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

▼ **Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

▼ **Other information**

No special

## SECTION 12: Ecological information

### 12.1. 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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Other adverse effects

No special

## SECTION 13: Disposal considerations

### ▼ 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

Dispose of contents/container to an approved waste disposal plant.

#### EWC code

12 01 19\* Readily biodegradable machining oil

#### Specific labelling

Not applicable

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

### 14.1 - 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

Not applicable

#### ▼ IMDG

Not applicable

#### ▼ IATA

Not applicable

▼ "MARINE POLLUTANT"

No

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

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

No data available

SECTION 15: Regulatory information

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

▼ Restrictions for application

Restricted to professional users.

▼ Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

▼

Not applicable

Additional information

Not applicable

▼ Sources

Commission Regulation (EU) No 1357/2014 of 18 December 2014 replacing Annex III to Directive 2008/98/EC of the European Parliament and of the Council on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

Regulation (EC) 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3

H318, Causes serious eye damage.

H335, May cause respiratory irritation.

H315, Causes skin irritation.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association



IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit.  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVCB = Complex hydrocarbon substance  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

▼ **Additional information**

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the substance/mixture is based on:

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The safety data sheet is validated by

SimFAS Sweden AB

▼ **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.