



SAFETY DATA SHEET		
	Tilia Skärvätska TES-98	

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	28.05.2015
Revision date	13.02.2018

1.1. Product identifier

Product name	Tilia Skärvätska TES-98
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance / preparation	Thread-cutting lubricant.
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name	SimFAS Sweden AB
Postal address	Box 129
Postcode	272 23
City	Simrishamn
Country	Sweden
Telephone number	+ 46 414 170 90
Email	inga.goransson@simfas.se
Website	www.simfas.se
Contact person	Inga Göransson

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS Alarm
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SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Corr. 1B; H314 STOT SE 3; H335
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2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	2-aminoetanol 5 – 10 %
Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation.
Precautionary statements	P280 Wear protective gloves / protective clothing / eye protection / face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Tactile warnings	Yes
Child-protection	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
2-aminoetanol	CAS No.: 141-43-5 EC No.: 205-483-3 REACH Reg. No.: 01-2119486455-28	Acute tox. 4; H302 Acute tox. 4; H312 Acute tox. 4; H332 Skin Corr 1B; H314 STOT SE3; H335	5 – 10 %
Substance comments	See section 16 for full wording of Hazard statements. See section 8 for Hygienic exposure limits.		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air.
Skin contact	Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
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 Corrosive. 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.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
2-aminoetanol	CAS No.: 141-43-5	TWA (8h) : 3 ppm TWA (8h) : 8 mg/m ³ OEL short term value Value: 6 ppm OEL short term value Value: 15 mg/m ³	TWA Year: 2011

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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Eye / face protection

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

Hand protection	Nitrile gloves are recommended.
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Skin protection

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

Respiratory protection	Respiratory protection must be used if air contamination exceeds acceptable level. Använd helmask med filter: ABEK
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Paste.
Colour	Yellowish.

Odour	Oil smell.
pH	Status: In delivery state Value: 10,5
Melting point / melting range	Comments: Not determined.
Flash point	Comments: Not determined.
Evaporation rate	Comments: Not determined.
Flammability (solid, gas)	Not determined.
Explosion limit	Comments: Not determined.
Vapour pressure	Comments: Not determined.
Vapour density	Comments: Not determined.
Specific gravity	Value: 1,0
Solubility description	Fullständigt lösligt i vatten
Partition coefficient: n-oc- tanol/water	Comments: Not determined.
Decomposition temperature	Comments: Not determined.
Viscosity	Comments: 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.
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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 re- actions	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 (NOx).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	2-aminoetanol
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 1515 mg/kg Animal test species: Rat Test reference: OECD401</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: 2504 mg/kg Animal test species: Rabbit Test reference: OECD402</p>

Symptoms of exposure

In case of skin contact	Corrosive,.
In case of eye contact	Corrosive.

SECTION 12: Ecological information

12.1. Toxicity

Substance	2-aminoetanol
Acute aquatic, fish	<p>Value: 349 mg/l Test duration: 96h Species: Cyorinus carpio Method: LC50</p>
Substance	2-aminoetanol
Acute aquatic, Daphnia	<p>Value: 65 mg/l Test duration: 48h Method: EC50</p>
Aquatic, comments	Not determined.

12.2. Persistence and degradability

Persistence and degradability, comments	Not determined.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Not determined.
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12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT assessment results Not determined.

12.6. Other adverse effects

Global warming potential Comments: Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal Liquid components can be disposed of by incineration.

EWC waste code EWC waste code: 120109 machining emulsions and solutions free of halogens
Classified as hazardous waste: Yes

SECTION 14: Transport information

Dangerous goods No

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
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Corr. 1B; H314 STOT SE 3; H335
Information added, deleted or revised	Section; 1, 2, 3, 8, 13.
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Prepared by	SimFAS Sweden AB.