

SAFETY DATA SHEET

SKÄRVÄTSKA TEU 97 592616510

Last changed: 20/08/2012

Replaces date: 14/04/2008

Internal No: 592616510

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

1.1 Product identifier

Trade name / designation SKÄRVÄTSKA TEU 97 592616510

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

RELEVANT IDENTIFIED USES Cutting fluid

1.3 Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise Tilia International AB
Address Kverrestadsvägen 16 A
Postal code 273 96 Tomelilla
Country SVERIGE
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CONTACT PERSONS

Name	E-mail	Telephone	Country
Håkan Stridsberg			

2 Hazards identification

2.1 Classification of the substance or mixture

DPD Classification: Xn; R20/21/22, C; R34

CLP Classification: Skin Corr. 1CH314, Acute Tox. 4H302/312/332

Most important HSE hazard effects: Causes severe skin burns and eye damage. Harmful if swallowed, in contact with skin or if inhaled.

2.2 Label elements



Signal word: None

EC-Label: No

COMPOSITION

Polyalkylenglykol, Etylenoxid/proylenoxid polymer (3 - 10 %), Hostacor IT, Alkanolaminsalt av acylamidokarbonsyra (10 - 15 %), Vatten (70 - 90 %), Etanolamin (5 - 6 %)

H Statements

H314 Causes severe skin burns and eye damage.
H302/312/332 Harmful if swallowed, in contact with skin or if inhaled.

2.3 Other hazards

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3 Composition/information on ingredients

3.2 Mixtures

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Polyalkylenglykol, Etylenoxid/proylenoxid polymer			58205-99-5	3 - 10 %		
Hostacor IT, Alkanolaminsalt av acylamidokarbonsyra				10 - 15 %		
Vatten				70 - 90 %		
Etanolamin		205-483-3	141-43-5	5 - 6 %	C,R20/21/22 - R34	Acute Tox. 4 H302/312/332 Skin Corr. 1C H314

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

4 First aid measures

4.1 Description of first aid measures

INHALATION

Fresh air and rest.

INGESTION

Drink plenty of water. Drink milk. Consult a doctor if symptoms should occur. If swallowed, the product may have a laxative effect.

SKIN CONTACT

Wash skin with soap and water.

EYE CONTACT

Remove contact lenses. Immediately rinse with water for several minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Provide eyewash station.

4.3 Indication of any immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1 Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Can be extinguished with water mist, powder, foam or carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA

Do not use a direct water jet.

5.2 Special hazards arising from the substance or mixture

SPECIAL HAZARDS

Not combustible. The product will not ignite before the water has evaporated.

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5.3 Advice for fire-fighters

ADVICE FOR FIREFIGHTERS

Avoid breathing fire vapours. Wear air supplied respiratory protection.

OTHER INFORMATION

Keep combustibles away from spilled material. Cool the surroundings with water mist.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS

Wash skin with soap and water. Bear in mind the risk of slipping.

6.2 Environmental precautions

ENVIRONMENTAL PRECAUTIONS

Prevent discharges into the sewage system, watercourses or lakes.

6.3 Methods and material for containment and cleaning up

METHODS AND MATERIAL

Small quantities may be flushed to drains with plenty of water. Collect contaminated washing water. For handling of larger quantities: Collect with absorbent, non-combustible material into suitable containers.

6.4 Reference to other sections

7 Handling and Storage

7.1 Precautions for safe handling

PRECAUTION FOR SAFE HANDLING

Avoid spillage. Bear in mind the risk of slipping.

7.2 Conditions for safe storage, including any incompatibilities

CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Store above freezing. Store at room temperature.

7.3 Specific end uses

8 Exposure controls / Personal protection

8.1 Control parameters

OEL value

Ingredient name	CAS no.	Range	ppm	mg/m3	Year	Notification
Etanolamin	141-43-5	15 min.	6	15		
Etanolamin	141-43-5	8 h	3	8		

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

8.2 Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Effective ventilation is a prerequisite.

EYE PROTECTION

Wear eye/face protection.

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SKIN PROTECTION

Use suitable protective clothing, as necessary.

HAND PROTECTION

Protective gloves (butyl rubber, nitrile rubber).

RESPIRATORY PROTECTION

Respiratory protection must be used if air concentration exceeds acceptable level. Respirator with A filter (brown).

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE Liquid.

COLOUR Tan.

ODOUR Weak odour.

WATER SOLUBILITY Emulsable in water. Insoluble in water.

Parameter	Value/unit	Method/reference	Observation
pH concentrate	< 10,5		
pH in solution	No data		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	No data		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	No data		
Vapour pressure	No data		
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		1)
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	1002 kg/m ³		

Note no.	Comments
1	Not translated to English

10 Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

CHEMICAL STABILITY

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

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10.4 Conditions to avoid

CONDITIONS TO AVOID

Store at room temperature. Avoid contact with oxidizing substances and strong acids. May attack some plastics, rubber and coatings.

10.5 Incompatible materials

10.6 Hazardous decomposition products:

11 Toxicological information

11.1 Toxicological effects

Hostacor IT, Alkanolaminsalt av acylamidokarbonsyra

Route of exposure	Exposure time	Value/unit	Species	Source
LD50 (Oral)		> 1000 mg/kg	råtta	

Etanolamin

Route of exposure	Exposure time	Value/unit	Species	Source
LD50 (Dermal)		1000 mg/kg	kanin	
LD50 (Oral)		1510 mg/kg	råtta	

Polyalkylenglykol, Etylenoxid/proylenoxid polymer

Route of exposure	Exposure time	Value/unit	Species	Source
LD50 (Oral)		> 1000 mg/kg	råtta	

ACUTE TOXICITY - ORAL

May be irritating in the mouth, gullet and gastrointestinal system.

ACUTE TOXICITY - DERMAL

Irritating to skin. May cause redness, itching.

ACUTE TOXICITY - INHALATION

Irritant. May cause smarting and coughing.

SERIOUS EYE DAMAGE/IRRITATION

Irritating on contact with concentrate. May cause misted vision. May cause redness, itching.

12 Ecological information

12.1 Toxicity

Hostacor IT, Alkanolaminsalt av acylamidokarbonsyra

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute Daphnia)		> 1000 mg/l	bakterie	
LC50 (Acute fish)	96h	> 1000 mg/l	zebrafisk	

Etanolamin

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute Daphnia)	24h	120 - 140 mg/l		
LC50 (Acute fish)	96h	150 mg/l	onchorrhynchus mykiss	

Polyalkylenglykol, Etylenoxid/proylenoxid polymer

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute Daphnia)		< 1000 mg/l	bakterie	
LC50 (Acute fish)	48h	> 500 mg/l	guldfisk	

12.2 Persistence and degradability

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DEGRADABILITY

Not translated to English Not translated to English

12.3 Bioaccumulative potential

ACCUMULATION

Bioaccumulation improbable.

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

OTHER EFFECTS

Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

13 Disposal considerations

13.1 Waste treatment methods

GENERAL REGULATIONS

Treat as dangerous waste. Destroyed through combustion in an approved facility or dumped at a refuse dump according to local regulations. Empty packaging is sent for recycling.

14 Transport information

Classified as Dangerous Goods: **No**

Land transport (ADR/RID)			
14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		
Hazard ID:	Not applicable.	Tunnel restriction code	Not applicable.

Inland water ways transport (ADN)			
14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Environmentally hazardous in tank-vessels	Not applicable.		

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Sea transport (IMDG)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Sub Risk:	Not applicable.		
IMDG Code segregation group	Not applicable.		
Marine pollutant	Not applicable.		
EMS:	Not applicable.		

Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		

15 Regulatory information

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

15.2 Chemical Safety Assessment

16 Other information

LIST OF RELEVANT R-PHRASES

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R34 Causes burns.

LIST OF RELEVANT H-STATEMENTS

H314 Causes severe skin burns and eye damage.
H302/312/332 Harmful if swallowed, in contact with skin or if inhaled.