

## SAFETY DATA SHEET

### SKÄRVÄTSKA UNIVERSAL 592614325

Last changed: 10/07/2012

Replaces date: 12/08/2009

Internal No: 592614325

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

##### 1.1 Product identifier

Trade name / designation SKÄRVÄTSKA UNIVERSAL 592614325

##### 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  
E-mail tilia.order@live.se  
Telephone +46 417 322 40  
Fax +46 417 322 45

###### CONTACT PERSONS

Name	E-mail	Telephone	Country
Håkan Stridsberg			

#### 2 Hazards identification

##### 2.1 Classification of the substance or mixture

DPD Classification:

CLP Classification:

Most important HSE hazard effects:

##### 2.2 Label elements

Signal word: None

EC-Label: No

###### COMPOSITION

Rapsolja (2 - 10 %), Fettsyror C14-18 och C16-18 omättade (10 - 20 %), Hostacor IT, Alkanolaminsalt av acylamidokarbonsyra (3 - 5 %), TRIETANOLAMIN (1 - 3 %), Vatten (70 - 90 %)

###### SUPPLEMENTAL HAZARD INFORMATION (EU)

Not classified.

##### 2.3 Other hazards

###### OTHER HAZARDS

May be irritating to eyes.

#### 3 Composition/information on ingredients

##### 3.2 Mixtures

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Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Rapsolja		232-299-0	8002-13-9	2 - 10 %		
Fettsyror C14-18 och C16-18 omättade		266-930-6	67701-06-8	10 - 20 %		
Hostacor IT, Alkanolaminsalt av acylamidokarbonsyra				3 - 5 %		
TRJETANOLAMIN		203-049-8	102-71-6	1 - 3 %		
Vatten				70 - 90 %		

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 milk. Drink water. If swallowed, the product may have a laxative effect.

###### SKIN CONTACT

Wash skin with soap and water.

###### EYE CONTACT

Remove contact lenses. Rinse with water. Contact physician if discomfort continues.

##### 4.2 Most important symptoms and effects, both acute and delayed

###### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Provide eyewash, quick drench.

##### 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

After the water has evaporated, the residue can sustain fire. Oil.

##### 5.3 Advice for fire-fighters

###### ADVICE FOR FIREFIGHTERS

Avoid breathing fire vapours. Use breathing apparatus.

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#### OTHER INFORMATION

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. Larger spill: Treat as dangerous waste.

##### 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
TRJETANOLAMIN	102-71-6	15 min.		10		
TRJETANOLAMIN	102-71-6	8 h		5		
Rapsolja	8002-13-9	15 min.		1	1990	
Rapsolja	8002-13-9	8 h		3	1990	

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

##### 8.2 Exposure controls

###### APPROPRIATE ENGINEERING CONTROLS

Use only in well-ventilated areas.

###### SKIN PROTECTION

Protective clothing if necessary.

###### HAND PROTECTION

Protective gloves (butyl rubber, nitrile rubber).

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#### RESPIRATORY PROTECTION

Breathing apparatus must be used if the limit values are exceeded. Respirator with A filter (brown).

### 9 Physical and chemical Properties

#### 9.1 Information on basic physical and chemical properties

<b>PHYSICAL STATE</b>	Liquid.
<b>COLOUR</b>	White.
<b>ODOUR</b>	Weak odour. Oil.
<b>WATER SOLUBILITY</b>	Emulsable in water. Partially soluble in water.
<b>FAT SOLUBILITY</b>	Organic solvents.

Parameter	Value/unit	Method/reference	Observation
pH concentrate	8,9		
pH in solution	8,8	Spädning 1:10	
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		
Auto-ignition temprature	No data		
Decomposition temprature	No data		
Viscosity	No data		

#### 9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	960 kg/m <sup>3</sup>		

Note no.	Comments

### 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

#### 10.4 Conditions to avoid

##### CONDITIONS TO AVOID

Avoid contact with oxidizing substances and strong acids. Avoid contact with bases.

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#### 10.5 Incompatible materials

#### 10.6 Hazardous decomposition products:

### 11 Toxicological information

#### 11.1 Toxicological effects

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

#### ACUTE TOXICITY - ORAL

If swallowed, the product may have a laxative effect.

#### ACUTE TOXICITY - DERMAL

Protracted or repeated contact may irritate the skin. May have a drying effect.

#### SERIOUS EYE DAMAGE/IRRITATION

May cause moderate irritation/smartering.

### 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	

##### TRJETANOLAMIN

Test	Exposure time	Value/unit	Species	Source
IC50 (Acute algae)	72h	216 mg/l		

##### Fettsyror C14-18 och C16-18 omättade

Test	Exposure time	Value/unit	Species	Source
LC50 (Acute fish)		> 100 mg/l		

#### ECOTOXICITY

Forms an oil film on water surfaces that may harm aquatic organisms and may disturb the transport of oxygen at the air/water interface.

#### 12.2 Persistence and degradability

##### DEGRADABILITY

Biological degradability 60 %. Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

#### 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

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### 13 Disposal considerations

#### 13.1 Waste treatment methods

##### GENERAL REGULATIONS

Treat as dangerous waste. If the spillage or waste cannot be recycled or destroyed privately (NB licence requirements), contact a contractor approved by the municipality or county council. Empty packaging is sent for recycling.

##### CATEGORY OF WASTE

EWC-kod 20 01 26

### 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.		

#### 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.		

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### 15 Regulatory information

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

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15.2 Chemical Safety Assessment

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16 Other information

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