

SAFETY DATA SHEET

KALLAVFETTNING 592614721

Last changed: 10/07/2012

Replaces date: 04/12/2008

Internal No: 592614721

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

1.1 Product identifier

Trade name / designation KALLAVFETTNING 592614721

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

RELEVANT IDENTIFIED USES Degreasing agent

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:

CLP Classification:

Most important HSE hazard effects:

2.2 Label elements

Signal word: None

EC-Label: No

COMPOSITION

Dipropylenglykolmetyleter, DPM (10 - 13 %), Trinatriumnitilotriacetat monohydrat, NTA komplexbildare (0,1 - 0,3 %), Vatten (84 - 87 %), Fettalkoholetoxylat (~ 3 %)

SUPPLEMENTAL HAZARD INFORMATION (EU)

Not classified.

2.3 Other hazards

OTHER HAZARDS

Splashing into eyes may cause smarting/irritation.

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
Dipropylenglykolmetyleter, DPM		252-104-2	34590-94-8	10 - 13 %		
Trinatriumnitilotriacetat monohydrat, NTA komplexbildare		225-768-6	18662-53-8	0,1 - 0,3 %	Xn,R22 - R36	Acute Tox. 4 H302 Eye Irrit. 2 H319
Vatten				84 - 87 %		
Fettalkoholetoxylat			68439-46-3	~ 3 %	Xi,R41	Eye Dam. 1 H318

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. Do not induce vomiting. To hospital or physician.

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, 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

The product will not ignite before the water has evaporated. Vapours may ignite.

5.3 Advice for fire-fighters

ADVICE FOR FIREFIGHTERS

Avoid breathing fire vapours. Wear air supplied respiratory protection.

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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. 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
Dipropylenglykolmetyleter, DPM	34590-94-8	15 min.	75	450	1993	
Dipropylenglykolmetyleter, DPM	34590-94-8	8 h	50	300	1993	

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.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

SKIN PROTECTION

Use suitable protective clothing, as necessary.

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HAND PROTECTION

Protective gloves (butyl rubber, nitrile rubber).

RESPIRATORY PROTECTION

A respirator must be used if the concentrations exceed the hygienic limit values. If necessary, respirator with A filter (brown).

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE Liquid.

COLOUR Clear.

ODOUR Weak odour.

WATER SOLUBILITY Water soluble.

Parameter	Value/unit	Method/reference	Observation
pH concentrate	11,7		
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 temprature	No data		
Decomposition temprature	No data		
Viscosity	No data		

9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	990 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

10.4 Conditions to avoid

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CONDITIONS TO AVOID

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

10.5 Incompatible materials

10.6 Hazardous decomposition products:

HAZARDOUS DECOMPOSITION PRODUCTS

Nitrous gases (toxic if inhaled) may be formed on heating or in a fire.

11 Toxicological information

11.1 Toxicological effects

Fettalkoholetoxylat

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

Dipropylenglykolmetyleter, DPM

Route of exposure	Exposure time	Value/unit	Species	Source
LD50 (Dermal)		> 19000 mg/kg	kanin	
LD50 (Oral)		> 1000 mg/kg	råtta	

Trinatriumnitilotriacetat monohydrat, NTA komplexbildare

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

ACUTE TOXICITY - ORAL

May cause nausea and stomach ache. Risk of aspiration with chemical pneumonia. Risk of kidney damage at high concentrations.

ACUTE TOXICITY - DERMAL

May cause irritation to sensitive persons. Repeated exposure may cause skin dryness or cracking.

ACUTE TOXICITY - INHALATION

A high concentration may cause symptoms such as coughing, headache, dizziness, nausea, vomiting and breathing difficulties.

SERIOUS EYE DAMAGE/IRRITATION

Surfactant May cause redness, itching.

CARCINOGENICITY

Suspected of being carcinogenic to humans.;

12 Ecological information

12.1 Toxicity

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Fettalkoholetoxylat

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute Daphnia)		~ 10 mg/l		

Dipropylenglykolmetyleter, DPM

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute Daphnia)		1919 mg/l	Vattenloppa	
LC50 (Acute fish)		> 150 mg/l	Notropis atherinoides	
LC50 (Acute fish)		> 10000 mg/l	Pimephales promelas	

Trinatriumnitilotriacetat monohydrat, NTA komplexbildare

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute algae)	96h	331 mg/l		
EC50 (Acute Daphnia)	48h	780 mg/l		
LC50 (Acute fish)	96h	98 mg/l	Regnbågslax	

12.2 Persistence and degradability

DEGRADABILITY

Readily biodegradable. Easily degradable. Biological degradability = 75 % after 28 days. Biological degradability = 90 % after 28 days. Degrades slowly under anaerobic conditions

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.	Tunnel restriction code	Not applicable.
Hazard label(s)	Not applicable.		
Hazard ID:	Not applicable.		

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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) Enviromentally 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) Sub Risk: 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) 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

OTHER INFORMATION

Not classified.

16 Other information

LIST OF RELEVANT R-PHRASES

R22	Harmful if swallowed.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.

LIST OF RELEVANT H-STATEMENTS

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.