

SAFETY DATA SHEET

GÄNGOLJA 592614911

Last changed: 09/08/2012

Replaces date: 12/08/2009

Internal No: 592614911

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

1.1 Product identifier

Trade name / designation GÄNGOLJA 592614911

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

RELEVANT IDENTIFIED USES Lubricant, grease

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

Senapsolja (70 - 80 %), Rapsmetyester (RME) (20 - 30 %), Citronsyra (< 0,1 %), Isopropanol (< 0,5 %)

SUPPLEMENTAL HAZARD INFORMATION (EU)

Not classified.

2.3 Other hazards

3 Composition/information on ingredients

3.2 Mixtures

SAFETY DATA SHEET

GÄNGOLJA 592614911

Last changed: 09/08/2012

Replaces date: 12/08/2009

Internal No: 592614911

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Senapsolja		232-358-0	8007-40-7	70 - 80 %		
Rapsmetyester (RME)		267-015-4	67762-38-3	20 - 30 %		
Citronsyra		201-069-1	77-92-9	< 0,1 %	Xi,R36	Eye Irrit. 2 H319
Isopropanol		200-661-7	67-63-0	< 0,5 %	Xi,F,R11 - R36 - R67	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336

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. Do not induce vomiting. 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 flammable, but combustible.

5.3 Advice for fire-fighters

ADVICE FOR FIREFIGHTERS

Avoid breathing fire vapours. Wear air supplied respiratory protection.

SAFETY DATA SHEET

GÄNGOLJA 592614911

Last changed: 09/08/2012

Replaces date: 12/08/2009

Internal No: 592614911

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. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Store above freezing. Store at room temperature. Take precautionary measures against static discharges.

7.3 Specific end uses

8 Exposure controls / Personal protection

8.1 Control parameters

OEL value

Ingredient name	CAS no.	Range	ppm	mg/m ³	Year	Notification
Senapsolja	8007-40-7	15 min.		1	1990	
Senapsolja	8007-40-7	8 h		3	1990	
Isopropanol	67-63-0	15 min.	250	600		
Isopropanol	67-63-0	8 h	150	350		

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.

SKIN PROTECTION

Wear suitable protective clothing.

SAFETY DATA SHEET

GÄNGOLJA 592614911

Last changed: 09/08/2012

Replaces date: 12/08/2009

Internal No: 592614911

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 Light brown.

ODOUR Weak odour.

SOLUBILITY Organic solvents.

WATER SOLUBILITY Emulsable in water. Low solubility in water.

Parameter	Value/unit	Method/reference	Observation
pH concentrate	3,7	Om i kontakt med vatten	
pH in solution	No data		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	280 - 350 °C	Rapsmetylester (räknas som VOC)	
Flash point	140 °C	Rapsmetylester	
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	1 - 8 %	Rapsmetylester	
Vapour pressure	0,2 kPa	Rapsmetylester 20°C	
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	930 kg/m ³		

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

SAFETY DATA SHEET

GÄNGOLJA 592614911

Last changed: 09/08/2012

Replaces date: 12/08/2009

Internal No: 592614911

CONDITIONS TO AVOID

Avoid contact with oxidizing substances and strong acids. Avoid contact with bases. Store at room temperature.

10.5 Incompatible materials

10.6 Hazardous decomposition products:

11 Toxicological information

11.1 Toxicological effects

ISOPROPANOL

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

Rapsmetyester (RME)

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

Citronsyra

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

ACUTE TOXICITY - ORAL

May have an irritating effect on the mucous membranes. Aspiration during vomiting or ingestion may cause chemical pneumonia.

ACUTE TOXICITY - DERMAL

May be irritating on protracted or repeated exposure.

ACUTE TOXICITY - INHALATION

Protracted exposure to vapour/mist in high concentrations may be irritating. Risk of chemical pneumonia if the liquid mist is inhaled.

SERIOUS EYE DAMAGE/IRRITATION

May cause redness, itching.

12 Ecological information

12.1 Toxicity

Rapsmetyester (RME)

Test	Exposure time	Value/unit	Species	Source
EC50 (Acute Daphnia)		> 100 mg/l	bakterie	
LC50 (Acute fish)		> 100 mg/l	fisk	

12.2 Persistence and degradability

DEGRADABILITY

Readily biodegradable.

12.3 Bioaccumulative potential

ACCUMULATION

Bioaccumulation improbable.

12.4 Mobility in soil

SAFETY DATA SHEET

GÄNGOLJA 592614911

Last changed: 09/08/2012

Replaces date: 12/08/2009

Internal No: 592614911

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.		

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.		

SAFETY DATA SHEET

GÄNGOLJA 592614911

Last changed: 09/08/2012

Replaces date: 12/08/2009

Internal No: 592614911

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

R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

LIST OF RELEVANT H-STATEMENTS

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.