

SAFETY DATA SHEET

SKÄRPASTA 592614119

Last changed: 10/07/2012

Replaces date: 12/08/2009

Internal No: 592614119

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

1.1 Product identifier

Trade name / designation SKÄRPASTA 592614119

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

RELEVANT IDENTIFIED USES Lubricant

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 (75 - 95 %), Stearinsyra (5 - 15 %), Palmitinsyra (5 - 15 %), Kalciumhydroxid (1,5 - 3 %), Vatten (3 - 5 %)

SUPPLEMENTAL HAZARD INFORMATION (EU)

Not classified.

2.3 Other hazards

OTHER HAZARDS

May be irritating to eyes. May cause redness, itching.

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 | 75 - 95 % | | |
| Stearinsyra | | 200-313-4 | 57-11-4 | 5 - 15 % | | |
| Palmitinsyra | | 200-312-9 | 57-10-3 | 5 - 15 % | | |
| Kalciumhydroxid | | 215-137-3 | 1305-62-0 | 1,5 - 3 % | Xi,R36/37/38 | Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335 |
| Vatten | | | | 3 - 5 % | | |

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. Get medical attention if any discomfort continues. If swallowed, the product may have a laxative effect.

SKIN CONTACT

Wash skin with soap and water.

EYE CONTACT

Rinse with water. Remove contact lenses. 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

Not flammable, but combustible.

5.3 Advice for fire-fighters

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ADVICE FOR FIREFIGHTERS

Avoid breathing fire vapours. Use breathing apparatus.

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

Bank in and collect. Large spillages should be collected with suitable absorbent material.

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/m ³ | Year | Notification |
|-----------------|-----------|---------|-----|-------------------|------|--------------|
| 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

Limit value

HAND PROTECTION

Protective gloves (butyl rubber, nitrile rubber).

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RESPIRATORY PROTECTION

Effective ventilation is a prerequisite. If necessary, respirator with A filter (brown).

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE Paste.

COLOUR Light yellow.

ODOUR Oil.

WATER SOLUBILITY Emulsable in water.

FAT SOLUBILITY Organic solvents.

| Parameter | Value/unit | Method/reference | Observation |
|---|------------|------------------|-------------|
| pH concentrate | No data | | |
| pH in solution | No data | | |
| Melting point | No data | | |
| Freezing point | No data | | |
| Initial boiling point and boiling range | No data | | |
| Flash point | > 290 °C | Rapsolja | |
| 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 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

CONDITIONS TO AVOID

Heat. Store at room temperature (15-25 °C). Store above freezing. Avoid contact with oxidizing substances, strong acids and strong bases.

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10.5 Incompatible materials

10.6 Hazardous decomposition products:

HAZARDOUS DECOMPOSITION PRODUCTS

Gases that are dangerous to health are formed in a fire. Risk of formation of nitrous gases.

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

May be irritating on protracted or repeated exposure.

SERIOUS EYE DAMAGE/IRRITATION

May be irritating.

12 Ecological information

12.1 Toxicity

12.2 Persistence and degradability

DEGRADABILITY

Readily biodegradable.

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

13 Disposal considerations

13.1 Waste treatment methods

GENERAL REGULATIONS

Disposal of larger quantities should be carried out by specially-trained personnel or authorised refuse contractors. Treat as dangerous waste. Empty packaging is sent for recycling.

CATEGORY OF WASTE

EWC-kod 20 01 26

14 Transport information

Classified as Dangerous Goods: No

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| 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. | | |

| 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. | | |

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

R36/37/38 Irritating to eyes, respiratory system and skin.

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| LIST OF RELEVANT H-STATEMENTS |
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| | |
|------|-----------------------------------|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |