

**MATERIAL SAFETY DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier**  
**Trade name**  
EKO 100 Voiteleva Höyläöljy  
**REACH registration number**  
-
- 1.2 Relevant identified uses**  
Bandsaw/planing oil.
- 1.2.1 Classification of economic activities**  
D. Industry
- 1.2.2 Use category**  
35. Lubricants and additives
- 1.2.3 The chemical may be used by the general public X**
- 1.3 Details of the supplier of the safety data sheet**
- 1.3.1 Manufacturer, importer, other operator**  
Ekosata Oy,  
Oppipojankatu 1,  
32200 LOIMAA,  
tel: 044-0605461,  
Business ID: 2290997-9
- 1.4 Emergency telephone number**
- 1.4.1 Number, name and address**  
09 471 977, ( 09-4711 exchange)  
Poison Information Centre, Haartmaninkatu 4, 00290 HELSINKI

**2. HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture**  
The preparation has not been classified as hazardous.
- 2.2 Label elements**  
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- 2.3 Other hazards**  
The preparation does not contain PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) substances.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Mixtures**

CAS/EC number and registry number	Name of ingredient	Concentration	Classification
-	-	-	-

The product contains 100% pressed rapeseed/colza oil.

**4. FIRST AID MEASURES**

- 4.1 Description of first aid measures**  
**Inhalation:** Remove to fresh air.  
**Eye contact:** Rinse opened eye with plenty of running water for 10 to 15 minutes.  
**Skin contact:** Remove contaminated clothing and wash skin with soap and water.

**Ingestion:** Rinse mouth with water. Seek medical attention. Do not induce vomiting.

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

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**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptoms

## **5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

**Suitable extinguishing agents:** Smothering, dry powder, carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing agents:** Water

**5.2 Special hazards arising from the substance or mixture**

No special hazards.

**5.3 Advice for firefighters**

Appropriate. Wear self-contained breathing apparatus in closed premises.

## **6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear personal protective clothing. Beware of possible risk of slipping caused by product leaking.

**6.2 Environmental precautions**

Do not allow to enter drainage system, soil or water systems.

**6.3 Methods and material for containment and cleaning up**

Absorb spill with peat, sawdust, paper towel, etc. Dispose of appropriately.

**6.4 Reference to other sections**

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## **7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Use safety footwear when handling barrels.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep in tightly closed and appropriately labelled containers. Keep in a safe place.

**7.3 Specific end use**

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**8.1.1 National occupational exposure limit values**

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**8.1.2 Other limit values**

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**8.1.3 DNEL**

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**8.1.4 PNEC**

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**8.2 Exposure controls**

**8.2.1 Engineering controls**

Good ventilation.

**8.2.2 Eye/face protection**

Wear safety goggles, if there is a risk of splashing.

**8.2.3 Skin protection**

Sufficient protective clothing.

**8.2.4 Hand protection**

Protective gloves are recommended.

**8.2.5 Respiratory protection**

Use respiratory protection, if ventilation is not sufficient.

**8.2.6 Environmental exposure controls**

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**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Oily, almost odourless liquid.

**9.2 State**

Oily, yellowish liquid.

<b>9.2.1 Odour</b>	Mild
<b>9.2.2 Odour threshold</b>	-
<b>9.2.3 pH value</b>	-
<b>9.2.4 Melting point/freezing point</b>	-
<b>9.2.5 Boiling point and boiling range</b>	-
<b>9.2.6 Flash point</b>	approx. 300°C
<b>9.2.7 Evaporation rate</b>	-
<b>9.2.8 Flammability (solid, gas)</b>	-
<b>9.2.9 Upper/lower flammability/explosive limit</b>	-
<b>9.2.10 Vapour pressure</b>	-
<b>9.2.11 Vapour density</b>	-
<b>9.2.12 Relative density</b>	914 kg/m <sup>3</sup> , (20°C)
<b>9.2.13 Solubility (solubilities)</b>	Insoluble in water.
<b>9.2.14 Partition coefficient: n-octanol/water</b>	-
<b>9.2.15 Auto-ignition temperature</b>	-
<b>9.2.16 Decomposition temperature</b>	-
<b>9.2.17 Viscosity</b>	32 cP (40° C)
<b>9.2.18 Explosive properties</b>	-
<b>9.2.19 Oxidising properties</b>	-

**10. STABILITY AND REACTIVITY****10.1 Reactivity**

No dangerous reactions.

**10.2 Chemical stability**

The product is stable.

**10.3 Possibility of hazardous reactions**

None, if stored at normal storage and usage conditions.

**10.4 Materials to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

None known.

## **11. TOXICOLOGICAL INFORMATION**

- 11.1 Information on toxicological effects**
- 11.2 Skin corrosion/irritation**  
Repeated and long-term skin contact may cause skin dryness.
- 11.3 Serious eye damage/irritation**  
Splashes may cause temporary eye irritation
- 11.4 Respiratory or skin sensitisation**  
None known.
- 11.5 Germ cell mutagenicity**  
None known.
- 11.6 Carcinogenicity**  
None known.
- 11.7 Reproductive toxicity**  
None known.
- 11.8 STOT-single exposure**  
None known.
- 11.9 STOT-repeated exposure**  
None known.
- 11.10 Aspiration hazard**  
None
- 11.11 Other information**  
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## **12. ECOLOGICAL INFORMATION**

- 12.1 Toxicity**  
The product is not toxic.
- 12.2 Persistence and degradability**  
The product is biodegradable.
- 12.3 Bioaccumulative potential**  
None.
- 12.4 Mobility in soil**  
Information not available.
- 12.5 Results of PBT and vPvB assessment**  
Information not available.
- 12.6 Other adverse effects**  
Information not available.

## **13. DISPOSAL CONSIDERATIONS**

- 13.1 Waste treatment methods**  
To be disposed of according to local regulations. The hazard of self-ignition should be taken into account in case of oily waste.

## **14. TRANSPORT INFORMATION**

- 14.1 UN number** -
- 14.2 UN proper shipping name** -
- 14.3 Transport hazard class** Not classified for transportation

Trade name: **EKO 100 Voiteleva Höyläöljy**

Date: 1 December 2014

5/5

- 14.4 **Packing group** -
- 14.5 **Environmental hazards** -
- 14.6 **Special precautions for user** -
- 14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** -

## **15. REGULATORY INFORMATION**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Information not available.
- 15.2 **Chemical safety assessment**  
Not performed for the preparation.

## **16. OTHER INFORMATION**

- 16.1 **Changes to the previous version**  
The MSDS is in accordance with the REACH 2010 form.
- 16.2 **Abbreviations**  
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- 16.3 **Sources of information**  
Data from the product manufacturer. Data from the ingredient manufacturer. REACH regulation.
- 16.5 **Method used for assessing the classification**  
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- 16.6 **List of R- and S-phrases or/and hazard and safety and precautionary phrases**  
None
- 16.7 **Training of employees**  
None.