# MATERIAL SAFETY DATA SHEET

**POLARSHINE UF3**

Last changed: 17.5.2004

Date printed:

## 1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Identification of the substance :

Common name: Polarshine UF3
Intended purpose: Polishing compound

Company identification:

KWH Mirka Ltd
Pensalavägen 210
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Finland

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## 2 INFORMATION ON INGREDIENTS

**Chemical identification / Hazardous ingredients:**

| Ingredient name | CAS number | EINECS / ELINKS- number | Percentage | Classification |
|---|---|---|---|---|
| Paraffins (petroleum), normal C10-C13 | 64771-72-8 | 265-233-4 | 10-20 | Xn,R-65 |
| Dipropylene glycol methyl ether | 34590-94-8 | 252-104-2 | 1-5 | IK |
| Carnauba Wax | 8015-86-9 | 232-399-4 | 5-10 | IK |
| Kaolin, calcined | 92704-41-1 | 296-473-8 | 5-10 | IK |
| Water | 7732-18-5 | 231-791-2 | 30-60 | IK |

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment IK=No classification required.

**INGREDIENT COMMENTS**

R-phrases from section 2: See information under no 16

## 3 HAZARDS IDENTIFICATION

**Health**

The product does not require labeling.

**Fire and explosion**

The product does not require labeling.

**Environment**

The product does not require labeling.

## 4 FIRST AID MEASURES

**General**

Show this Material Safety Datasheet to the doctor.

**Inhalation**

Fresh air.

**Skin contact**

Wash the skin with water and soap.

**Eye contact**

Rinse immediately with water for 10-15 minutes. Keep the eyes open. If symptoms persist: Seek medical advise.

**INGESTION**

Seek medical advise. Do not induce vomiting.

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## 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA**

Dry chemical. Carbon dioxide (CO2). Water fog.

**OTHER INFORMATION**

Containers near fire must be moved and/or cooled with water.

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## 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

See headline no 8 for information about personal protective equipment

**ENVIRONMENTAL PRECAUTIONS**

Avoid discharge into drains or to earth and water.

**METHODS FOR CLEANING UP**

Absorb in an inactive absorbent i.e. vermiculite. Collect.

**OTHER INFORMATION**

See headline no 13 for information handling waste and destruction.

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## 7 HANDLING AND STORAGE

**Handling advice**

See headline no 8 for information about personal protective equipment

**Storage**

Keep in a cool place. Keep container tightly closed.

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure control**

Maintain the personal hygiene. Ensure good ventilation.

**Respiratory protection**

The risk of inhaling the product are minimal if treated normal.
Use breathing mask when ventilation system is insufficient.

**Eye protection**

Eye protection shall be used when there is a risk of direct contact or splashes.

**Hand protection**

Protective gloves shall be used when there is a risk of direct contact or splashes.

**Skin protection**

Protective clothing when necessary.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state:.....thick floating liquid
Color.....yellowish
Odor.....caracterisitic
Solubility.....partly miscible in water
Flash point.....> 65 °C
Relative density.....965 kg/$m^3$

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## 10 STABILITY AND REACTIVITY

**Stability**

Stable with normal handling.

**Hazardous decomposition products**

None known if handled normally.

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## 11 TOXICOLOGICAL INFORMATION

**General**

There are no data available for the product itself. The information concerns the solvent in the product.

**Inhalation**

Inhalation of high vapor concentrations may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.

**Skin contact**

Defats the skin. Repeated or prolonged contact may cause slight skin irritation.

**Eye contact**

Splashes and vapour in the eyes may cause irritation and smarting.

**Ingestion**

Ingestion may cause nausea and vomiting. Moreover, symptoms as "Inhalation".

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## 12 ECOLOGICAL INFORMATION

**Mobility**

Solvent in the product: Evaporates slowly from the ground- and surface of water.
If spillage there is a risk migration of Naphtha in to the ground and effect the ground water.

**Degradability**

Solvent in the product: Readily biodegradable.
Relative quickly destructive by natural occurring micro-organism.

**Accumulation**

Solvent in the product: Bioaccumulative.

**Eco toxicity**

Solvent in the product: Exhibits low toxicity to water organisms.
Available environment data indicates that only larger local discharge may constitute a risk.

**Other information**

There are no available Eco-toxicological results for the preparation itself. Collection of data is ongoing.
There are no available Eco-toxicological test results on the preparation itself .

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## 13 DISPOSAL CONSIDERATIONS

**General regulations**

To be disposed of according to local regulations.

Empty containers should be transported to local recycling facility or waste treatment facility.

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## 14 TRANSPORT INFORMATION

Classified as dangerous goods: No

**Other information**

Not considered as dangerous goods under UN, IMO, ADR/RID or IATA/ICAO regulations.

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## 15 REGULATORY INFORMATION

The product does not require labeling.

**References**

Information from the raw material supplier.

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## 16 Other information

**Vendor notes**

All information is given, based on available information by the occasion of the classification.
In due of changed classification of contained substances, the marking of the packing will be changed at the next printing of labels.

Because of the high viscosity the product will not be classified as R65 .

**Changes have been done in section no:** 2, 3, 15, 16.

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