

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
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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

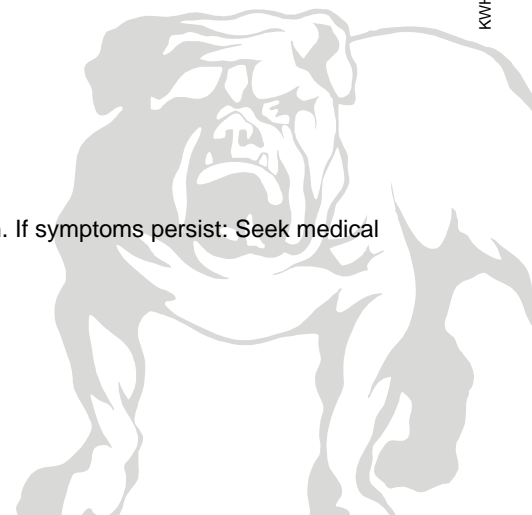
Rinse immediately with water for 10-15 minutes. Keep the eyes open. If symptoms persist: Seek medical advise.



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INGESTION

Seek medical advise. Do not induce vomiting.

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.

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.

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.

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

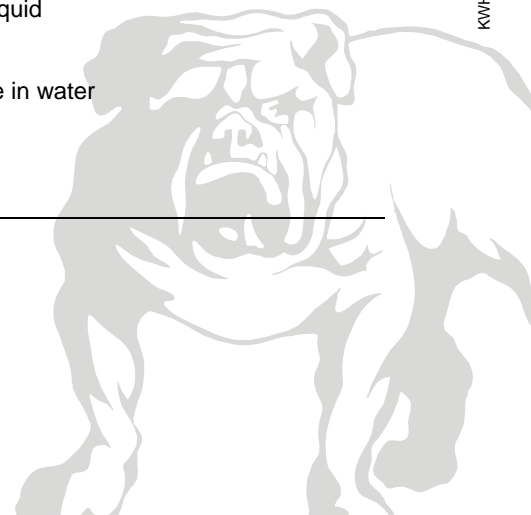
Physical state:.....thick floating liquid
 Color.....yellowish
 Odor.....characteristic
 Solubility.....partly miscible in water
 Flash point.....> 65 °C
 Relative density.....965 kg/m³



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10 STABILITY AND REACTIVITY**Stability**

Stable with normal handling.

Hazardous decomposition products

None known if handled normally.

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".

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 .

13 DISPOSAL CONSIDERATIONS**General regulations**

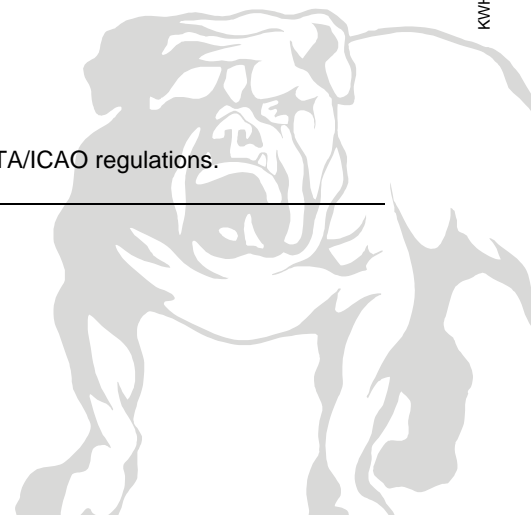
To be disposed of according to local regulations.
Empty containers should be transported to local recycling facility or waste treatment facility.

14 TRANSPORT INFORMATION

Classified as dangerous goods: No

Other information

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



15 REGULATORY INFORMATION

The product does not require labeling.

References

Information from the raw material supplier.

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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