

KWH Mirka Ltd

66850 Jeppo

Date printed: 19.04.2010, Revision: 15.04.2010

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1 Identification of the substance / preparation and of the company

Polarshine Nano Antistatic Wax UF3

Use: Car care
Identified use: none
Method of operation: See product information.
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2 Hazards identification

Physico-chemical hazards: See chapter 10.
 Combustible.
Human health dangers: Frequent persistent contact with the skin can cause skin irritation.
 Has a degreasing effect on the skin.
 See chapter 11.
Environmental hazards: See chapter 12.
Other hazards: none
R-phrases: none

3 Composition / Information on ingredients

Range [%]	Substance
10 - 20	Paraffins (petroleum)
	Registration: CAS: 64771-72-8, EINECS/ELINCS: 265-233-4, EU-INDEX: , ECBnr:
	GHS/CLP:
	EEC: Xn, R65-66
1 - < 5	Alkanes, (C9-C12)-Iso
	Registration: CAS: 90622-57-4/ 64742-48-9, EINECS/ELINCS: 292-459-0, EU-INDEX: , ECBnr:
	GHS/CLP:
	EEC: Xn, R10-65-66-53

Comment on component parts: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

General information: Change soaked clothing.
Inhalation: Ensure supply of fresh air.
 In the event of symptoms seek for medical treatment.
Skin contact: When in contact with the skin, clean with soap and water.
 Consult a doctor if skin irritation persists.
Eye contact: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion: Supply with medical care.
 Do not induce vomiting.
 Rinse out mouth and give plenty of water to drink.
Advice to doctor: Treat symptomatically.
 If swallowed or in the event of vomiting, risk of product entering the lungs.

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5 Fire-fighting measures

Suitable extinguishing media: All extinguishing media are suitable but method must take into account the surrounding area to minimize dispersion.

Extinguishing media that must not be used: Full water jet.

Special exposure hazards arising from the substance or preparation itself or combustion products: Unknown risk of formation of toxic pyrolysis products.

Special protective equipment for firefighters: Not combusted hydrocarbons.
Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.

Additional information: Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6 Accidental release measures

Personal precautions: Ensure adequate ventilation.
High risk of slipping due to leakage/spillage of product.

Environmental precautions: Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up: Take up with absorbent material (e.g. general-purpose binder).
Dispose of absorbed material in accordance with the regulations.

7 Handling and storage

Advice on safe handling: No special measures necessary if used correctly.

Advice on protection against fire and explosion: Keep away from sources of ignition - refrain from smoking.

Requirements for storage rooms and vessels: Prevent penetration into the ground.

Advice on storage compatibility: Do not store together with oxidizing agents.

Further information on storage conditions: Protect from heat/overheating.
Keep container in a well-ventilated place.
Keep container tightly closed.

8 Exposure controls / personal protection

Additional advice on system design: Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (GB)

Range [%]	Substance / WEL: Workplace exposure limit
1 - < 5	Alkanes, (C9-C12)-Iso / -ppm, 1200mg/m ³ , -
10 - 20	Paraffins (petroleum) / -ppm, 800mg/m ³ , -

Respiratory protection: Breathing apparatus in the event of high concentrations.
Short term: filter apparatus, combination filter A-P1.

Hand protection: The details concerned are recommendations. Please contact the glove supplier for further information.
In full contact:
Butyl rubber, >480 min (EN 374).
In splash contact:
Nitrile rubber, >480 min (EN 374).

Eye protection: Safety glasses.

Skin protection: not applicable

General protective measures: Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.
Avoid contact with eyes and skin.
Do not inhale gases/vapours/aerosols.

Hygiene measures: Do not eat or drink when working.
Wash hands before breaks and after work.
Use barrier skin cream.

Delimitation and monitoring of the environmental exposition: not determined

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9 Physical and chemical properties

Form:	viscous
Color:	whitish
Odor:	characteristic
pH-value:	8,5
pH-value [1%]:	not determined
Boiling point [°C]:	not determined
Flash point [°C]:	> 65/ > 149°F
Flammability [°C]:	not determined
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Oxidizing properties:	no
Vapour pressure [kPa]:	not determined
Density [g/ml]:	0,946
Bulk density [kg/m³]:	not determined
Solubility in water:	partially miscible
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	> 7 mm²/s (40°C)
Relative vapour density determined in air:	not determined
Evaporation speed:	not determined
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not determined
Decomposition temperature:	not determined

10 Stability and reactivity

Hazardous reactions:	Reactions with oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	Frequent persistent contact with the skin can cause skin irritation.
General remarks:	Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environment compartments:	not determined
Behaviour in sewage plant:	not determined
Bacteria toxicity:	not determined
Biological degradability:	not determined
COD:	not determined
BOD 5:	not determined
AOX-advice:	not applicable
2006/11/EC:	yes
General information:	No classification on the basis of the calculation procedure of the preparation directive. Do not discharge product unmonitored into the environment. Ecological data are not available.

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13 Disposal considerations

Product: For recycling, consult manufacturer.
Coordinate disposal with the authorities if necessary.

Contaminated packaging: Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended): 120121
080202

14 Transport information

Classification according to ADR: NO DANGEROUS GOODS

- Classification Code:
- Label:

- ADR LQ
- ADR 1.1.3.6 (8.6): Transport category (tunnel restriction code): -

Classification according to IMDG: NOT CLASSIFIED AS "DANGEROUS GOODS"

- EMS
- Label:

Classification according to IATA: NOT CLASSIFIED AS "DANGEROUS GOODS"

- IMDG LQ:
- Label:

15 Regulatory information

Exposure scenario: not determined

Chemical safety report: not determined

Labelling: The product does not require a hazard warning label in accordance with EC-directives.

R-phrases: none

S-phrases: none

Special labelling: Safety data sheet available for professional user on request.

Authorisation, TITEL VII: not applicable

Restrictions, TITEL VIII: not applicable

EEC-REGULATIONS: 1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006; 1272/2008; 75/324/EWG (2008/47/EG)

TRANSPORT-REGULATIONS: DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).

NATIONAL REGULATIONS (GB) EH40/2005 Workplace exposure limits with amendments October 2007.
CHIP 3/ CHIP 4

16 Other informations

R-phrases (Chapter 03): R 10: Flammable.
R 53: May cause long-term adverse effects in the aquatic environment.
R 65: Harmful - may cause lung damage if swallowed.
R 66: Repeated exposure may cause skin dryness or cracking.

Observe employment restrictions for people: not applicable

VOC (1999/13/CE): 207 g/l

Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
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