

MATERIAL SAFETY DATA SHEET
POLARSHINE VF5

 EEC Standard 91/155
 Date of issue: 6.11.2003

Date printed:

1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Identification of the substance : Common name: Polarshine VF5
 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	Symbol	Risk phrases
Naphtha	64742-48-9	265-150-3	5-25 %	X _n	65,66
Alumina	1344-28-1	215-691-6	2-20 %		

Text of the Risk phrases: look at section 16

3 HAZARDS IDENTIFICATION
Human hazards:

No significant adverse health effects are to be expected from either single or repeated exposures, provided that dust and vapor inhalation is controlled and eye protection is guaranteed (see section 8).

Environmental hazards:

This product contains fluid hydrocarbons, which may cause environmental contamination if they reach open waters.

4 FIRST AID MEASURES

Skin: In case of sustained skin irritation obtain medical advice
Eyes: Rinse with plenty of water for 10 minutes
Ingestion: Wash out mouth thoroughly with water
 Do not cause vomiting without medical advice
 Obtain medical advice

5 FIRE FIGHTING MEASURES
Extinguishing media:

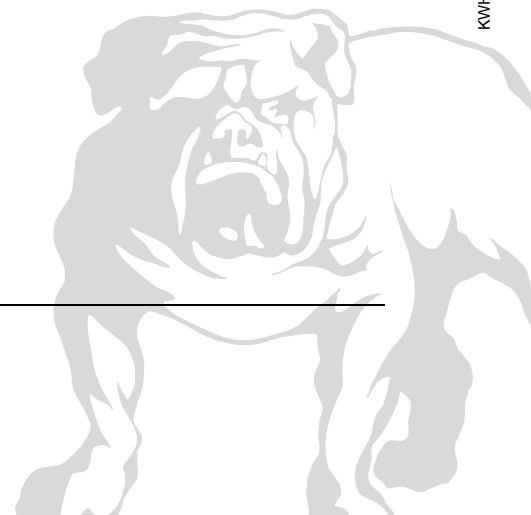
- vaporized water
- powder
- foam
- CO₂

Special fire fighting procedures:

Not necessary


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6 ACCIDENTAL RELEASE MEASURES

Methods for cleaning up:

Shovel up immediately into labeled containers for disposal or recycling to prevent accidents caused by slippery surfaces.

7 HANDLING AND STORAGE

Handling:

Use suitable tools for handling and transport of heavy units

Measures against fire and explosion:

Do not store near open fire

Storage:

Do not store at temperatures > 30°C (86°F)

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

General:

When handling all polishing materials, observe good standards of industrial hygiene

Exposure limits:

Alumina (1344-28-1): 6 mg/m³ (MAK)
 Hydrocarbon (64742-48-9): 1000 mg/m³ (MAK, TRGS 900/901)

Personal protection:

Respiratory protection:

Control occupational exposure by local exhaust ventilation

Hand protection:

Wear appropriate gloves when handling this material. Nitrile rubber gloves are recommended

Eye protection:

Use goggles while working on polishing disks to avoid eye discomfort from physical effects

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....	viscous/creamy
Color.....	grey
Odor.....	specific
Melting point.....	n. a.
Boiling point.....	> 100°C
Flashpoint.....	> 65 °C
Relative density.....	~ 1 kg/l
Solubility.....	diluable in water
pH.....	7 - 9

10 STABILITY AND REACTIVITY

Conditions to avoid:

This product is stable. Under normal circumstances no hazardous reactions are anticipated

Materials to avoid:

Hazardous decomposition products:

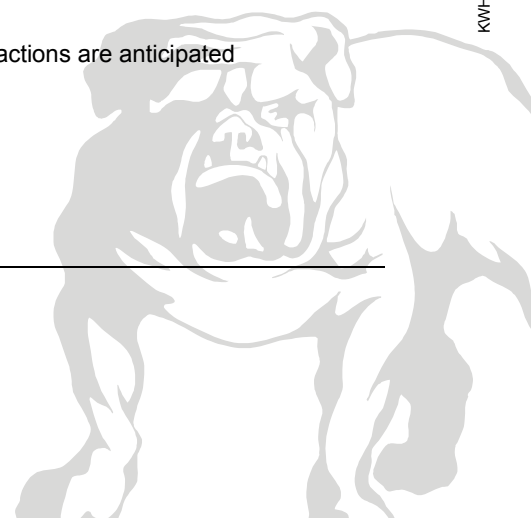
- None known
- Incomplete combustion will produce smoke and CO.



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11 TOXICOLOGICAL INFORMATION

Routes of entry:

Ingestion:

Ingestion of small quantities will not lead to adverse health effects. Larger Quantities may cause sickness and diarrhea.

Inhalation:

Inhalation of decomposition products like vapor or smoke may cause adverse health effects.

Skin and Eyes:

This product is abrasive. Prolonged contact may cause temporary skin and eye irritation.

12 ECOLOGICAL INFORMATION

This product contains fluid hydrocarbons, which may damage environment if disposed in the free nature. It contains no heavy metals nor halogens.

13 DISPOSAL CONSIDERATIONS

For disposal of non-recoverable spillages or waste, local regulations should be consulted and waste should be disposed only through licensed waste material handling companies or incinerating plants.

14 TRANSPORT INFORMATION

No restrictions, classified as non dangerous cargo. Keep away from foodstuffs

15 REGULATORY INFORMATION

Dangerous Substances Directive 67/548/EEC: Not classified as dangerous

Dangerous Preparations Directive 88/379/EEC: Not classified as dangerous

Labelling: " Safety data sheet available for professional user on request"

16 Other information

The purpose of this safety sheet is to describe the products in terms of health and safety and not as a product specification, guaranteeing their properties. The information on this Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user. KWH Mirka Ltd. makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

Information provided in this Safety Data Sheet are based on the best of our knowledge. The references on the risks on using this product and its intrinsic characteristics, and to legislative norms and bibliographic sources, cannot be considered fully exhaustive. The user must evaluate every further risk that may derive from the manner and the usage conditions of the product.



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