

# Material Safety Data Sheet

04/2003

## Polieroel OL 5

According to 91/155 EEC and ISO-Standard 11014

<b>1. Identification of the substance/preparation and company</b>	
Identification of the substance or preparation/Commercial product name	Polieroel OL 5
Company/manufacturer	<b>Peter Wolters L äpp- und Poliermaschinen GmbH</b> <b>Benzstraße 17</b> <b>70771 Leinfelden-Echterdingen</b> <b>Tel. +49 711-90 36 32-0</b> <b>Fax +49 711-90 36 32-10</b>
<b>2. Composition/Information on ingredients</b>	
Chemical characterization	Preparation based on not concatenated paraffinic hydrocarbons
Definition according to EC directive:	
Cas-No.	64771-72-8
R-phrases	65-66 n-paraffin
Additional information	Meanings of R-phrases see under chapt. 16
<b>3. Hazards Identification</b>	
Hazard designation	Xn harmful
Specific hazards to man and environment	65 harmful: may cause lung damage if swallowed. 66 Repeated exposure may cause skin dryness or cracking
<b>4. First aid measures</b>	
General information	Remove contaminated clothing immediately and dispose of safely.
Inhalation	Remove the casualty into fresh air and keep him calm
Skin contact	Wash off immediately with soap and water
Eye contact	In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. In case of irritation consult an oculist.
Ingestion	Do not induce vomiting – aspiration hazard. Rinse mouth thoroughly with water. Summon a doctor immediately.
<b>5. Fire Fighting measures</b>	
Suitable extinguishing media	Foam, dry powder, carbon dioxide
Extinguishing media which must not be used for safety reasons	Full water jet
Special exposure hazards arising from the substance itself, combustion products, resulting gases	In the event of fire the following can be released: Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ). In case of combustion evolution of dangerous gases possible.
Special protective equipment	Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus.
<b>6. Accidental-release measures</b>	
Personal precautions	Use personal protective clothing. Ensure adequate ventilation. Keep away sources of ignition. Use breathing apparatus if exposed to vapours/dust/aerosol
Environmental precautions	Do not discharge into the drains/surface waters/groundwater
Methods for cleaning up	Take up with absorbent material (eg. Sand, Kieselgur)

<b>7. Handling and storage</b>		
Handling		
Precautions for safe handling	Use personal protective clothing. Open and handle container with care. Avoid formation of aerosols. Use only in well ventilated areas.	
Precautions against fire and explosion	Vapours can form an explosive mixture with air, Keep away from sources of ignition – refrain from smoking. Take precautionary measures against electrostatic loading. Provide good room ventilation even at ground level (vapours are heavier than air). Risk of explosion if the liquid enters the drains. Containers in danger should be cooled with water. Ignitable mixtures can form in the empty container.	
Storage		
Conditions of storage rooms and vessels	Protect from frost. Protect from heat and direct sunlight. Keep container in a well-ventilated place. Keep container tightly closed.	
<b>8. Exposure controls/personal protection</b>		
Further information for system design and engineering measures	See chapter 7; no measures exceeding the ones mentioned are necessary. Ingredients with occupational exposure limits to be monitored.	
General protective measures	Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin. At work do not eat, drink, smoke or take drugs. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.	
Respiratory protection	Breathing apparatus in the event of aerosol or mist formation. If ventilation insufficient, use a respiratory protection apparatus.	
Hand protection	Recommendation: Impermeable safety gloves made of nitrile as per EN 374; penetration time more than 480 min. at a thickness of 0,4 mm.	
Eye protection	Safety glasses with side protection shield.	
<b>9. physical and chemical properties</b>		
Form	Liquid	
Colour	Waterwhite	
Odeur	Typical	
Viscosity	Mm <sup>2</sup> /s	1,8
Density	G/cm <sup>3</sup>	0,75
Lower explosion limit	Vol%	0,4
Upper explosion limit	Vol%	6,5
Solubility in water/method		Insoluble
Pourpoint	°C	< -20
Boiling point	°C	195
Bulk density	Kg/m <sup>3</sup>	n.a.
pH-Value		n.a.
Vapour pressure	Mbar	< 1
<b>10. Stability and reactivity</b>		
Materials to avoid	Reactions with strong oxidising agents.	
Hazardous decomposition products	Flammable gases/vapours. Vapours can form an explosive mixture with air. No hazardous reactions when stored and handled according to prescribed instructions.	

<b>11. Toxicological information</b>	
General remarks	No toxicological data are available.
Experience in practice	When inhaled in larger quantities, the solvent vapours cause a narcotic effect. In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.
<b>12. Ecological information</b>	
General information	Do not discharge onto the drains/surface waters/groundwater. The formulation was evaluated using the conventional method of the Dangerous Preparations Directive 1999/45/EC and not classified as hazardous to the environment.
<b>13. Disposal considerations</b>	
Product	
Waste code	070604 other organic solvents, washing liquids and mother liquors.
	The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.
Contaminated packing	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.
<b>14. Transport information</b>	
	Product is not subject to the regulations for dangerous goods.
<b>15. Regulatory information</b>	
Classification according to EC guidelines	The product is classified and labelled in accordance with EC directives/GefStoff V Xn harmful
R phrases	65 Harmful: may cause lung damage if swallowed. 66 Repeated exposure may cause skin dryness or cracking.
S phrases	23 do not breathe gas/fumes/vapour/spray 24 Avoid contact with skin 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
National regulations	
Water hazard class/source	1
VbF (Germany)	AIII
TA Luft/paragraph (only Germany)	Class III
<b>16. Other information</b>	
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This information covers the safety requirements of the product(s) exclusively and is based on current knowledge and experience. It does not represent a guarantee for properties of the describes product(s) in terms of the legal warranty regulations. The product specification is contained in a seperate product data sheet.