

Material Safety Data Sheet

04/2003

LÄPPFLÜSSIGKEIT No. 20

According to 91/155 EEC and ISO-Standard 11014

1. Identification of the substance/preparation and company	
Identification of the substance or preparation/Commercial product name	Läppflüssigkeit Nr. 20
Company/manufacturer	Peter Wolters Läpp- und Poliermaschinen GmbH Benzstraße 17 70771 Leinfelden-Echterdingen Tel. +49 711-90 36 32-0 Fax +49 711-90 36 32-10
2. Composition/Information on ingredients	
Chemical characterization	Preparation containing mineral oil with natural fatty components.
Definition according to EC directive:	Xn harmful
Cas-No.	-
R-phrases	65-66 naphtha (mineral oil)
3. Hazards Identification	
Hazard designation	Xn harmful
Specific hazards to man and the environment	65 harmful: may cause lung damage if swallowed. 66 Repeated exposure may cause skin dryness or cracking.
4. First aid measures	
General information	Remove contaminates 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.
5. Fire Fighting measures	
General information	
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 ₂)
Special protective equipment	Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus.
Other information	Cool endangered containers with water spray jet.
6. Accidental-release measures	
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, kieselguhr, universal binder). Dispose of absorbed material in accordance with the regulations.

7. Handling and storage	
Handling	
Advice on safe handling	Use personal protective clothing. Open and handle container with care. Avoid formation of aerosols. Use only in well ventilated areas. Advice on protection 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	Requirements for storage rooms and vessels. Protect from frost. Protect from heat and direct sunlight. Keep container in a well-ventilated place. Keep container tightly closed.
8. exposure controls/personal protection	
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
Personal protection equipment	
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.
9. physical and chemical properties	
Form	Liquid
Colour	Colourless
Odeur	Typical
pH-Value	n.a.
Flash point	°C >120
Viscosity 40°C	mm ² /s 3,6
Density 15°C	g/cm ³ 0,83
Lower explosion limit	Vol% 0,6
Upper explosion limit	Vol% 6,5
Boiling point	°C n.a.
Solubility in water	Insoluble
10. Stability and reactivity	
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.
11. Toxicological information	
General information	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.

12. Ecological information	
General information	Do not discharge into 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.
13. Disposal considerations	
Waste Code	120107 mineral-based machining oils free of halogens (except emulsions and solutions)
	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.
14. Transport information	
	Product is not subject to the regulations for dangerous goods.
15. Regulatory information	
Classification according to EC guidelines	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.
Water hazard class	1
16. Other information	
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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.