

Material Safety Data Sheet

According to 91/155 EEC

Printing date 28.10.2005

Reviewed on 28.10.2005

1 Identification of substance:

- **Product details:**
- **Trade name:** Wood care
- **Application of the substance / the preparation** Wood-preservative impregnation
- **Manufacturer/Supplier:**

 Alfred Kärcher GmbH & Co. KG
 Alfred-Kärcher-Str. 28 - 40
 71364 Winnenden
 Germany

 Tel.: 0049-7195-14-0
 Fax : 0049-7195-14-2212

 Internet: www.karcher.com
- **Further information obtainable from:**
 Department PND-D
 Tel.: 0049-7195-14-2548
 Fax : 0049-7195-14-3164
- **Information in case of emergency:** Tel.: 0049-30-19240

Postfach 160
 71349 Winnenden
 Germany

2 Composition/Data on components:

- **Chemical characterization:**
- **CAS No. Description:**
 polymers and auxiliary agents
- **Identification number(s):** .

3 Hazard identification

- **Hazard description:** not applicable
- **Information concerning to particular hazards to man and environment** not applicable
- **Additional information:**
 The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.

4 First aid measures

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact**
 Generally the product does not irritate the skin.
 Rinse with warm water.
- **After eye contact**
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing**
 Rinse out mouth and then drink plenty of water.
 Seek immediate medical advice.

5 Fire fighting measures

- **Suitable extinguishing agents**
 CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

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- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Ensure adequate ventilation.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.
- **Storage class VCI storage class:** 12

8 Exposure controls and personal protection gear

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:** Rubber gloves
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties:

· General Information

Form:	Fluid
Colour:	Colourless
Odour:	Odourless

· Change in condition

Melting point/Melting range: 0°C
Boiling point/Boiling range: 100°C

· **Flash point:** Not applicable

· **Danger of explosion:** Product does not present an explosion hazard.

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· Density at 20°C:	1 g/cm ³
· Solubility in / Miscibility with Water:	Fully miscible
· pH-value at 20°C:	5
· Viscosity:	
dynamic at 20°C:	20 mPas
Organic solvents:	0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with acids, alkalis and oxidizing agents
- **Dangerous decomposition products:**
Possible in traces.
Nitrogen oxides (NOx)
Hydrogen fluoride

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information:

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow product to reach ground water, water course or sewage system.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· European waste catalogue
07 07 99 wastes not otherwise specified

- **Uncleaned packaging:**
- **Recommendation:** Non contaminated packagings may be recycled.
- **Recommended cleansing agents:** Water, if necessary together with cleaning agents.

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14 Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID class: -

- Maritime transport IMDG:
- IMDG Class: -
- Marine pollutant: No

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

· **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulations

- **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals

The substance is not subject to classification according to EU lists and other sources of literature known to us.

The product has not been classified and marked in accordance with EU Directives / respective national laws.

- **Safety phrases:**

- 2 Keep out of the reach of children.
- 23 Do not breathe aerosol.

- **National regulations**

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

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.

A product information sheet can be provided if requested.

- **Department issuing MSDS:** Department PND-D

- **Contact:**

Frau Fiess, Frau Kühner

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