

303326

## EC Material Safety Data Sheet



in accordance with Commission Directive 91/155/EEC and 2001/58/EC

Spezialreiniger MKN

Productnumber: 3733

MSDS revised on: 16.12.2005

print date: 18.01.2006

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**1. Identification of the Preparation and of the company/undertaking**

Trade name: Spezialreiniger MKN

Use of the preparation: (2) detergent; for professional, manual use

Manufacturer/distributor or importer:

Chemische Fabrik Dr. Weigert GmbH & Co. KG, Mühlenhagen 85, D-20539 Hamburg  
Telefon: +49 (0)40/78960-0 Telefax: +49 (0)40/78960-120 E-Mail: info@drweigert.de

Emergency Call (national poison control centre) :

**2. Composition/information on ingredients**Hazardous ingredients and their classification as pure substances acc. to Dangerous Preparation Directive 99/45/EC  
For product classification see heading 3 and 15 ! For full text of R phrases see heading 16!

Hazardous ingredient		%	Symbols	R-Sentences
CAS: 1310-58-3 EINECS: 215-181-3	Potassium hydroxide	5 - 10	C, Xn	35,22
CAS: EINECS: Polymer	nonionic surfactants	1 - 5	Xn	22,41

**3. Hazards Identification**

R 35 Causes severe burns.

**4. First aid measures**

General information: Immediately take off/remove clothing which has been contaminated or soaked by the product.

After contact with the skin: If the substances comes into contact with the skin, wash off affected skin areas immediately and rinse with water.

After contact with the eyes: Rinse the opened eye immediately with plenty of water (for at least 10 minutes) and then consult an ophthalmologist.

If the substance is swallowed: Rinse out mouth and immediately drink 1 glass of water.

Do not provoke vomiting. Consult a doctor immediately.

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## 5. Fire-fighting measures !!!

Suitable extinguishing agents:

water (spray), foam, extinguishant powder, carbon dioxide. Adapt firefighting operation to surrounding fire.

Extinguishing agents which are unsuitable for reasons of safety:

none specified

Special exposure hazards arising by the preparation itself, combustion products, resulting gases:

none known

Special protective equipment for fire fighters additional to sec. 8:

In the event of fire wear self-contained breathing apparatus.

Further remarks:

Product itself does not burn.

## 6. Accidental release measures !!!

Personal precautions additional to section 8:

none

Environmental precautions:

Do not flush concentrate into drains, surface or ground waters.

Methods for cleaning up:

Collect spillage with adsorbent material (e.g. sand, earth, vermiculite, diatomaceous earth).

Flush away minor amounts with plenty of water.

## 7. Handling and storage

Handling: No special measures required if used correctly.

Storage: Store separately from acidic products wherever possible.

## 8. Exposure controls / personal protection

Additional information on the design of technical plant: No special measures required.

Components with occupational threshold limit values:

CAS-Nr.	Substance	mg/m <sup>3</sup> ; ml/m <sup>3</sup>
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Personal safety equipment:

Eye protection: Wear suitable eye/face protection when working (EN 166).

Hand protection: Protective gloves made out of nitril or butyl rubber of category III according to EN 374. Please follow the instruction of the manufacturers of gloves for expected breakthrough times in relation to the special conditions of the working place like amount of mechanical stress or duration of dermal exposure.

For short term contact with ready-to-use dilutions without mechanical stress gloves out of rubber or latex are sufficient.

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## 9. Physical and chemical properties relevant for the preparation

Form: liquid	Flash n.a.
Colour: orange	pH-value (20°C) approx.: 14
Odour: characteristic	Result of Acid-/Alkali reserve : -
Density (20 °C) g/cm <sup>3</sup> approx. : -	Solubility in water ( 20 °C): soluble
Bulk density g/l approx.: n.a.	
Viscosity (20 °C) mPa s : -	

n.a. : nicht anwendbar/ not applicable/ pas applicable; "-": keine Daten, no data, aucunes données

## 10. Stability and reactivity

Conditions to be avoided: Does not decompose if used as directed.

Substances to be avoided: Do not mix with concentrated acids (development of heat). Do not mix with other products.

Dangerous decomposition products: None if used as per instructions.

## 11. Toxicological information

The assessment of the toxicological properties of the product is based exclusively upon the data of the raw materials and the classification criteria (calculation method) of the European Dangerous Preparation Directive 99/45/EC.

No test data are available for the preparation.

After contact with the concentrate hazards as mentioned under section 3 and 15 resp. may occur.

## 12. Ecological informations !!!

The assessment of the ecotoxicological properties of the product is based exclusively upon the data of the raw materials and the classification criteria (calculation method) of the European Dangerous Preparation Directive 99/45/EC.

No test data are available for the preparation.

Do not allow the concentrate to contaminate the public sewage system, surface water or ground water. The local regulations (e.g. pH value) must be observed when discharging dilute application solutions into the public sewage system. The function of public sewage-treatment plants is not impaired if adequately diluted solutions within the permitted pH range are discharged.

German water hazard class (WGK): 1 - low hazard to waters

## 13. Information on disposal

Preparation: Please review national or regional provisions prior to disposal! Recommendation: Incineration by an authorized plant. EWC code number recommendation (European Waste catalogue) :070608 "Waste from manufacturing, trading and use of ...detergents, soaps, disinfectants and cosmetics..."; for aerosols only: EWC 160504 "Gases in aerosol cans containing dangerous substances".

Packagings (not cleaned): Contaminated packagings out of HDPE should be restlessly emptied. They are then suitable for recycling, incineration or landfilling. Please review national or regional provisions prior to disposal!

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