

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.07.2009

Revision: 14.07.2009








1 Identification of substance

- **Product details**
- **Trade name:** WAKOL RT 5960 Cleaning Cloth
- **Application of the substance / the preparation** Cleaning material/ Detergent
- **Manufacturer/Supplier:**
WAKOL GmbH
Bottenbacher Str. 30
66954 Pirmasens
thomas.wieland@wakol.de
- +49 (0)6331 8001 144
- **Informing department:** Industrial Safety Department
- **Emergency information:**
During business hours: Industrial Safety Department; +49 (0) 6331 8001 144

2 Hazards identification

- **Hazard designation:** Not applicable.
- **Information pertaining to particular dangers for man and environment** Not applicable.
- **Classification system**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
 - **Description:** Cleansing agent
 - **Dangerous components:**
- | | | |
|-------------------|---|-----------|
| CAS: 64-17-5 | ethanol | 25-<50% |
| EINECS: 200-578-6 |  F; R 11 | |
| CAS: 106-65-0 | dimethyl succinate | 1.0-<5% |
| EINECS: 203-419-9 |  Xi; R 36 | |
| CAS: 24938-91-8 | Tridecyl alcohol, ethoxylated | 1.0-<5% |
| |  Xn,  Xi; R 22-41 | |
| CAS: 122-99-6 | 2-Phenoxyethanol | 0.1-<1.0% |
| EINECS: 204-589-7 |  Xn,  Xi; R 22-36 | |
| CAS: 64-02-8 | tetrasodium ethylenediaminetetraacetate | 0.1-<1.0% |
| EINECS: 200-573-9 |  Xn; R 22 | |
- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information** No special measures required.
- **After skin contact** Generally the product does not irritate the skin.

5 Fire fighting measures

- **Suitable extinguishing agents** Use fire extinguishing methods suitable to surrounding conditions.

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6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:**
Pick up mechanically.
Dispose of the material collected according to regulations.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**

- 64-17-5 ethanol**
OES Long-term value: 1920 mg/m³, 1000 ppm
- 56-81-5 glycerol**
OES Long-term value: 10 mg/m³
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment**
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Not required.

9 Physical and chemical properties:

- **General Information**
- Form:** Liquid on inert carrier material
- Colour:** White
- Smell:** Characteristic
- **Change in condition**
- Melting point/Melting range:** Undetermined.
- Boiling point/Boiling range:** 100°C
- **Flash point:** Not applicable.

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- **Self-inflammability:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C** 1 g/cm³
- **Solubility in / Miscibility with Water:** Soluble.
- **pH-value at 20°C:** 6.5 (ISO 976)
- **Solvent content:**
VOC 43.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of composition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
 - **LD/LC50 values that are relevant for classification:**
- 64-17-5 ethanol**
- Oral LD50 7060 mg/kg (rat)
Dermal LD50 >20000 mg/kg (rabbit)
Inhalative LC50/4h 124.7 mg/l (rat)
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritating effect.
 - **Sensitization:** No sensitizing effects known.
 - **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information:

- **Ecotoxicological effects:**
 - **Acquatic toxicity:**
- 64-17-5 ethanol**
- EC5/72h >1000 mg/l (*Pseudomonas putida*)
EC50/48h >5000 mg/l (*Daphnia magna*)
IC50/72h >100 mg/l (*Scenedesmus subspicatus*)
LC50/96h >2000 mg/l (*Leuciscus idus*)
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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Do not allow product to reach ground water, water course or sewage system.

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13 Disposal considerations

· **Product:**

· **Recommendation**

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

· **European waste catalogue**

15 00 00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 02 00 absorbents, filter materials, wiping cloths and protective clothing

15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

· **Uncleaned packagings:**

· **Recommendation:** *Disposal must be made according to official regulations.*

14 Transport information

· **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

· **ADR/RID-GGVS/E Class:** -

· **Maritime transport IMDG/GGVSea:**

· **IMDG/GGVSea Class:** -

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

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

15 Regulatory information

· **Designation according to EC guidelines:**

As a cosmetic preparation, the product is not subject to the provisions of the Chemical Law and the Ordinance on Hazardous Materials. However, general safety regulations should be observed.

· **Special designation of certain preparations:**

Safety data sheet available for professional user on request.

· **National regulations**

· **Water hazard 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.

· **Relevant R-phrases**

11 Highly flammable.

22 Harmful if swallowed.

36 Irritating to eyes.

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41 Risk of serious damage to eyes.

· **Department issuing data specification sheet:** Industrial Safety Department.

· **Contact:** Dr. Thomas Wieland

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