

Date of issue: 09.10.2014

1. Identification of substance/preparation and the company/undertaking

1.1. Identification of the substance/preparation:

WESSOCLEAN® K50 E (protect by patent)
Working Solution

1.2. Use of the substance/preparation:

Detergents for equipment, machinery and surfaces

1.3. Company/undertaking identification:

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2. Hazards identification

No hazardous product as specified in directive 67/548/EEC.

Avoid prolonged skin contact with the concentrated product.
The solution exerts a slightly irritant effect on skin and mucous membrane.

3. Composition/information on ingredients

<i>Name:</i>	<i>CAS-No.</i>	<i>EC-No.</i>	<i>Classification</i>	<i>Content</i>
Hydrogen peroxide	7722-84-1	231-765-0	---	0,5 - 5 %
Cationic tenside				0,1 - 3 %

4. First aid measures

Skin contact: Rinse with ample amounts of water.
Eye contact: Rinse with ample amounts of water.
Ingestion: Rinse mouth and drink plenty of water. See a physician.
Inhalation: No hazard, if handled according to instructions.
General instruction: Take off contaminated, soaked clothing.

5. Fire-fighting measures

Suitable extinguishing agents: Foam, Water, Carbon dioxide, Dry powder
Non-suitable materials: ---

Particular hazards arising from the substance itself, its combustion products or gases evolved: ---

6. Accidental release measures

Personal precautions: ---
Environmental precautions: ---
Methods for cleaning up: Take up mechanically or using absorbent material

Trade name: WESSOCLEAN® K50 E

7. Handling and Storage

7.1. Handling:

No particular measures in handling and fire prevention.

7.2. Storage:

Store in vented containers in a cool, dry place and away from combustible materials

7.3. Use according to instructions:

The product is applied undiluted and is used for cleaning and maintenance of equipment, machinery and surfaces

8. Exposure controls/personal protection

8.1. Exposure limit values:

Hydrogen peroxide: 0,71 mg/m³ (0,5 ppm)

8.2. Limitation and control of exposure:

Industrial hygiene: Observe the usual instructions applicable for handling chemicals

9. Physical and chemical properties

Appearance: Colourless liquid

Odour: Inconspicuous

pH-value, concentrated (20 °C): 5,7 - 6,0

Melting point/range: -9 °C

Boiling point/range: 105 °C (1013 hPa)

Ignition temperature: n/a

Explosion limits: None

Fire promoting properties: ---

Vapour pressure (20 °C): 20,0 hPa

Density (20 °C): 1,01 g/ml

Solubility: Miscible with water

Other information: ---

10. Stability and reactivity

Conditions to be avoid: Thermal impact

Substance to be avoid: No data available

Hazardous reactions: No data available

Hazardous decomposition product: No data available

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11. Toxicological information

Acute oral toxicity (LD₅₀): > 2000 mg/kg body weight
Skin effects: Slightly irritant
Eye effects: Slightly irritant

12. Ecological information

12.1. Eco-toxicity:

No toxicological effects on mammals, biodegradation process by micro-organisms is left to a large extend.

12.2. Mobility:

Low due to short half-life period of constituents.

12.3. Persistence and biodegradation:

In the soil or in water the constituents are readily decomposed into oxygen and water or biologically degraded.

12.4. Bioaccumulation:

Low log Pow indicates an insignificant bioaccumulation potential.

12.5. Other harmful effects:

13. Disposal considerations

Disposal in accordance with local statutory regulations - No toxic waste.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC directives:

Danger symbol: ---

R-phrases: ---

S-phrases: ---

Is not subject to identification as required by the Regulation on Hazardous Substances.

National regulations (D):

Decree on Industrial Incidents

("Störfallverordnung"): Not indicated

Classification according to VbF: ---

Classification according to VCI: LGK 12 (no combustible liquid)

WGK: 1 (low hazardous to water)

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16. Other information

Sources:

- Directive 67/548/ECC and consecutive directives
- Analysis and Certificate (No.: 565 2765-3/1) of the LGA QualiTest GmbH, D-90431 Nürnberg
- Merck, Safety Data Sheets
- Univ. of Oxford, Physical and Theoretical Chemistry Lab.- Safety (MSDS) Data

The above information which is based on the current state of knowledge and experience is intended to describe our product solely with respect to any safety requirements. This information does not constitute a guarantee or a warranty of properties.