

Safety Data Sheet

according to regulation (EC) 1907/2006 (REACH)



Trade name: **WL-clean**
Revised at: 08.04.2008
Print date: 02.07.2008

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

Trade name: **WL-clean**

Intended use: All-purpose rinsing and cleaning solution ready for use for the non protein fixing inner cleaning and decontamination of hollow part instruments, e. g. dental turbines, hand and angle parts, internally cooled instruments and endoscopes prior to the disinfection/ sterilisation.

Effect of the preparation: Cleansing and disinfecting agent

Manufacturer: ALPRO MEDICAL GMBH
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Emergency phone: +49 7725 9392-0 (business hours)
+49 761 19240 Poisoning-information-central, Freiburg (24h emergency call)

2. Hazards identification

General hints: The pressurized container may burst in case of heating above 50 °C.

3. Composition/information on ingredients

Chemical characterization: Mixture of propylene glycol, parabens, biguanides and complexing agents in aqueous solution and propellant.

Does not contain hazardous ingredients above concentration limits fixed in preparation guideline 1999/45/EC.

4. First aid measures

General information: Note precautions for self-protection.

On inhalation: Fresh air. Consult a physician if problems persist.

On contact with skin: No special measures necessary.

On contact with the eyes: Rinse the eyes with water with the eyelids open for a sufficient length of time.

If swallowed: Drink plenty of water.

Information for the doctor: First aid, decontamination, symptomatic treatment.

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5. Fire-fighting measures

Suitable extinguishing media:	Water, foam, dry fire-extinguishing media, carbon dioxide
Extinguishing media which must not be used for safety reasons:	Strong water jet.
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:	In case of fire may be liberated: Carbon monoxide, carbon dioxide
Special protective equipment for firefighting:	Not necessary
Additional information:	Cool endangered containers with water spray jet and if possible remove off fire area.

6. Accidental release measures

Personal precautions:	Use personal protective clothing.
Environmental precautions:	Contain spillage with absorbing material, e.g. with sand.
Methods for cleaning up/taking up:	Treat recovered material as prescribed in: Disposal considerations.

7. Handling and storage

Hints for safe handling:	Protect from heat and direct sunlight.
Hints for protection against fire and explosion:	Do not pierce or burn, even after use.
Further information:	Not necessary
Requirements for storage rooms and vessels:	The official regulations regarding the storage of pressurized containers have to be considered. Keep in a cool, well-ventilated place.
Hints on storage assembly:	Not necessary
Further information on storage conditions:	Recommended storage temperature: 5 °C – 25 °C
Storage class:	LGK 2B

8. Exposure controls / Personal protection

Constituents with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Does not contain substances above concentration limits fixing an occupational limit.

General health and safety measures:

- Do not eat, drink, smoke while working.
- Wash hands before breaks and on finishing work.
- Preventive skin protection using barrier ointment.
- Keep away of foods and drinks.
- Avoid contact with eyes, skin and clothing.
- Avoid inhalation of aerosols and vapours.

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Personal protection equipment:

Respiratory protection:	Not necessary in case of appropriate use.
Hand protection:	Not necessary.
Eye protection:	Not necessary.
Protective clothing:	Not necessary.

9. Physical and chemical properties

Form:	aerosol	
Colour:	colourless	
Odour:	characteristic	
pH-value (undiluted):	6,0-7,0	(20°C)
Boiling point/Boiling range:	not relevant to safety	
Melting point/Melting range:	not relevant to safety	
Flash point (DIN, TRbF):	>55°C	
Flammability (solid, gases):	not determinable	
Explosive properties:	none	
Lower explosion limit:	none	
Upper explosion limit:	none	
Ignition temperature:	not necessary	
Oxidizing properties:	none	
Vapour pressure:	approx. 4500 hPa	at 20°C
Vapour pressure:	approx. 6300 hPa	at 50°C
Density:	1,02 g/cm ³ (calcul.)	at 20°C
Bulk density:	not determinable	at ...°C
Solubility in water:	soluble	
in ethanol:	soluble	
in hexan:	not soluble	
Partition coefficient:	not necessary	(n-octanol/water)
Viscosity (sort):	not necessary	at ...°C
Electrical conductivity (undiluted):	not necessary	at ...°C
Refractive index n _D :	not necessary	at ...°C
Optical rotation α _D :	not necessary	

10. Stability and reactivity

Conditions to avoid:	Temperatures above 50 °C.
Materials to avoid:	No hazardous reactions with other substances known.
Hazardous decomposition products:	No decomposition if used as prescribed.

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11. Toxicological information

Acute toxicity:	No acute toxicity known.
Primary irritant effect on the skin:	No primary irritant effect on the skin known.
Primary irritant effect on the eye:	No primary irritant effect on the eye known.
Mutagenic potential:	No mutagenic potential known.
Sensitization:	No sensitizing effects known.

The product was classified on the basis of the calculation procedure of the preparation directive 1999/45/EC.

Based on manufacturer data of the main components the acute toxicity, the skin irritation, the mucous membrane irritation and the mutagenic potential of the preparation were evaluated. However, some data are not complete regarding particular main components. Nevertheless according to the experience of the manufacturer there are no other hazards expected than those which are already mentioned on the label.

12. Ecological information

Ecotoxicity:	Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.
Persistence and degradation:	Ingredients are biodegradable.
Other adverse effects:	No other adverse effects known.
Further information:	Do not allow product to reach ground water or waters and do not empty undiluted product into sewers.

13. Disposal considerations

Disposal of the product:

In the EC member states there are no standardized regulations for the disposal of chemicals. In Germany the law of the cycle of economy and waste (KrW/AbfG) prescribes the principle of utilization and therefore a distinction must be made between "waste for utilization" and "waste for removal". Furthermore special cases – particularly in case of delivery – are also regulated by the federal states. Please contact the corresponding office (authority or waste disposal company) who will inform you about the utilization or removal.

Waste code no.*: 16 05 05

Disposal of uncleaned as well as completely emptied packings:

Disposal according to official regulations. Contaminated packings are to be treated like the substance.

Waste code no.*: 15 01 04

Further information:

If there is no official regulation, non-contaminated packings can be treated like domestic waste or can be recycled.

*Waste code no.: Waste incurred is classified following the code of the European waste register according to kind of waste and branch.

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14. Transport information

Land transport ADR/RID and GGVSE

UN-No.: 1950
Class: 2.2
Packing Group: -
Proper Shipping Name:
AEROSOLS

Inland waterway craft ADN/ADNR

Not classified.

Marine transport IMDG/GGVSee

UN-No.: 1950
Class: 2.2
Packing Group: -
EmS-No.: F-D; S-U
Proper Shipping Name:
AEROSOLS

Air transport ICAO-TI/IATA-DGR

UN-/ID-No.: 1950
Class: 2.2
Packing Group: -
Proper Shipping Name:
AEROSOLS, non flammable

15. Regulatory information

Labelling

Code letter: -
Hazard designation: -
contains: -
R-phrases: -
S-phrases: S23 Do not breathe aerosol.

Special labelling (preparation directive 94/1/EC for adaption of the aerosol directive 75/324/EEC):

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50° C.
Do not pierce or burn, even after use.

National regulations (Germany)

Restrictions of occupation: None
Störfallverordnung: -
Classification according to VbF: Not subject to the VbF
Technische Anleitung Luft: -
Water hazard class: WGK 1 (slightly water hazardous); self-classification

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16. Other information

Further information:

This information is based on our present knowledge and describes the safety measures which are to be taken for this product. However, this shall not constitute a guarantee for any product features.

Marking of changes:

A backslash in the left hand margin indicates an amendment from the previous version.