

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

MULTI-CLEAN Klarspüler

Print date: 14.08.2010

Product code: EL0729248

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Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Can be released in case of fire: Phosphorus oxides.

6. Accidental release measures

Personal precautions

Avoid contact with skin, eye and clothing.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Wash with generous amount of water.

7. Handling and storage

Handling

Advice on safe handling

Avoid the formation of aerosol.

Advice on protection against fire and explosion

Product is not: Combustible.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed.

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
7664-38-2	Orthophosphoric acid	-	1		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

Exposure controls

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink. Avoid contact with skin, eye and clothing.

9. Physical and chemical properties

General information

Physical state: liquid
Colour: blue
Odour: odourless or low odorant

Important health, safety and environmental information

pH-Value (at 20 °C):

1,0 - 1,5

Test method

Changes in the physical state

Boiling point:

100 °C

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Density (at 20 °C): 1,024 g/cm³ DIN 55990
Water solubility: complete miscible
(at 20 °C)

10. Stability and reactivity**Conditions to avoid**

Reacts with : Alkalis (alkalis).

Materials to avoid

Slowly corrodes aluminium and zink under hydrogen evolution.

11. Toxicological information**Corrosive and irritant effects**

In rare cases, product may cause temporary redness of the skin. Irritant effect on the eye: mild irritant.

Sensitising effects

no danger of sensitization.

Additional information on tests

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

12. Ecological information**Ecotoxicity**

The product needs to apply neutralizing agents before draining to wastewater treatment plants.

Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Further information

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

13. Disposal considerations**Advice on disposal**

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations. Small amounts can also be diluted with plenty of water and rinsed away.

Waste disposal number of waste from residues/unused products

060199 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of acids; wastes not otherwise specified

Waste disposal number of used product

060199 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of acids; wastes not otherwise specified

Contaminated packaging

Water (with cleaning agent). Completely emptied packings can be re-cycled.

14. Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

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Inland waterways transport**Other applicable information (inland waterways transport)**

Not restricted

Marine transport**Other applicable information (marine transport)**

Not restricted

Air transport**Other applicable information (air transport)**

Not restricted

15. Regulatory information**Labelling****S phrases**

- 02 Keep out of the reach of children.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

- 34 Causes burns.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)