



according to Regulation (EU) No. 1907/2006

# **MULTI-CLEAN Klarspüler**

Print date: 14.08.2010 Product code: EL0729248 Page 1 of 4

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

### Identification of the substance or preparation

MULTI-CLEAN Klarspüler

### Company/undertaking identification

Company name: ELOMA GmbH

Innovative Cooking and Baking Technology

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# 2. Hazards identification

#### Classification

This preparation is not classified as dangerous according to Directive 1999/45/EC.

### 3. Composition/information on ingredients

## Chemical characterization (Mixture)

PHOSPHORIC ACID LAURAMINE OXIDE AQUA

# **Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
231-633-2	7664-38-2	phosphoric acid %, orthophosphoric acid %	<10%	C R34

Full text of each relevant R phrase can be found in heading 16.

### 4. First aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with: Water and soap. Change contaminated clothing.

# After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

## After ingestion

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Immediately get medical attention.

#### Advice to doctor

Following symptoms can occur: Irritated eyes.

Treatment: Treat symptomatically. No stomach pumping. Caution if victim vomits: Risk of aspiration!

# 5. Fire-fighting measures





according to Regulation (EU) No. 1907/2006

# **MULTI-CLEAN Klarspüler**

Print date: 14.08.2010 Product code: EL0729248 Page 2 of 4

#### 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/m³	mg/m³	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

Test method

pH-Value (at 20 °C): 1,0 - 1,5

Changes in the physical state

Boiling point: 100 °C





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# **MULTI-CLEAN Klarspüler**

Print date: 14.08.2010 Product code: EL0729248 Page 3 of 4

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 me 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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# **MULTI-CLEAN Klarspüler**

Print date: 14.08.2010 Product code: EL0729248 Page 4 of 4

#### 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.

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 singulary 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.)