

## Safety Data Sheet

according to Regulation (EC) No 1272/2008

### Cleaner

Version 1.0

date of compilation: 17/09/2015

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### **SECTION 1: Identification of the substance /mixture and of the company/undertaking**

- 1.1 Product identifier( ArtNr.3563): Cleaner 500 ml
- 1.2 Relevant identified uses of the mixture and uses advised against:  
Cleaning agent. Restricted for professional uses
- 1.3 Details of the supplier of the Safety Data Sheet:  
Funke Dr. N. Gerber Labortechnik GmbH  
Ringstrasse 42  
12105 Berlin  
Germany  
tel: 0049-30-7020060  
www.funke-gerber.de  
e-mail: [kontakt@funke-gerber.de](mailto:kontakt@funke-gerber.de)
- 1.4 Emergency telephone number:  
0049-30-70200635 Only available during the following office hours:Mo-Fr  
(08.00-16.00)

### **SECTION 2: Hazards identification**

- 2.1 Classification of the substance or mixture  
**This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. No special risks are known.However a safety data sheet is being supplied for it on request as it contains a component for which there is Community workplace exposure limit.**
- 2.2 Label elements  
Labelling according to Regulation (EC) No 1272/2008(CLP)  
Restricted to professional users  
Hazard pictograms:No hazard pictograms  
Signal word:No Danger  
Hazard Statement: No hazard statement  
Precautionary Statements:  
P 270:Do not eat, drink, smoke when using this product  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P303+P361+P353: If on skin : remove /take off all contaminated clothing.

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#### 2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). No risks are known.

### **SECTION 3: Composition/information on ingredients**

3.2 Mixture: Solution in which the concentrations of hazard components do not exceed the concentration limits(%) of the hazard classes and categories. The solution contains following component for which there is Community workplace exposure limit.

Substance Name	CAS-No EC-No Registration Nr	Classification ( REGULATION (EC) No 1272/2008	Concentration
Orthophosphoric acid	7664-38-2 231-633-2	Under the concentration limit to classify	<0,05%

### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

##### 4.1.1 General information:

remove dirty clothes and shoes.

##### 4.1.2 Following inhalation : Move to fresh air

##### 4.1.3 Following skin contact: Please rinse out with plenty of water.

##### 4.1.4 Following eye contact: rinse out with plenty of water with the eye lid held wide open.

##### 4.1.5 Following ingestion: clean the mouth with plenty of water. Go to the doctor if not feeling well.

##### 4.1.6 Self-protection of the first aider: remove dirty clothes and shoes

#### 4.2 Most important symptoms and effects, both acute and delayed:

no symptoms

#### 4.3 Indication of any immediate medical attention and special treatment needed

No specific information/treatment for the doctor. The concentrations of the substances in the mixture are under the limit of classification.

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#### **SECTION 5: Firefighting measures**

5.1 Extinguishing media:

Suitable extinguishing media: Carbon dioxide (CO<sub>2</sub>), Foam, Dry powder, water spray jet

Unsuitable extinguishing media: High volume water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: No information available

Specific risk from the substance : Fire can cause evolution of :  
or the product itself, its carbon monoxide, carbon dioxide  
combustion products or (CO<sub>2</sub>), Nitrogen oxides (Nox)  
evolved gases

5.3 Advice for firefighters

Special protective equipment: Wear self-contained breathing apparatus for firefighters

5.4 Additional information: None

#### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment: in case of accidental spills and release of the mixture use

personal protective equipment. See section 8

Emergency procedures: remove ignition sources

6.1.2 For emergency responders: Wear personal protective clothing.

Personal protective equipment: See section 8

6.2 Environmental precautions: Avoid subcoiled penetration

6.3 Methods and material for containment and cleaning up

Wipe up with absorbent material (cloth, fleece) Soak up with inert absorbent material ( sand, silica gel, acid binder , universal binder, sawdust).

6.3.3 Other information: none

6.4 Reference to other sections: See also section 8+13

6.5 Additional information: none

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### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

##### 7.1.1 Protective measures:

Advice on safe handling: Avoid contact with skin and eyes

Fire preventions: No special protective measures against fire are required

Aerosol and dust generation preventions: No preventions

Environmental precautions: Avoid subcoil penetration

7.1.2 Advice on general occupational hygiene: do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas

#### 7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Packaging materials: no special material is required

Requirements for storage rooms and vessels: Vessels tightly closed. Storage away from heat. Keep away from direct sunlight. Do not store at temperatures above 30 °C. This is a quality and not safety information.

Materials to avoid: No materials to be especially mentioned

#### 7.3 Specific end uses:

Specific end uses and recommendations: use as cleaning agent

### **SECTION 8: Exposure controls / personal protection.**

#### 8.1 Control parameters

##### Occupational Exposure Limits

Components	CAS-No	Country	Form of exposure	Control parameters	Basis
Orthophosphoric acid	7664-38-2	Germany (AGS)	Limit value 8 hours	2 mg/m <sup>3</sup> inhalable.aerosol	GESTIS
Orthophosphoric acid	7664-38-2	Germany (AGS)	Limit value short value	4 mg/m <sup>3</sup> inhalable.aerosol	GESTIS
<b>Orthophosphoric acid</b>	7664-38-2	<b>European Union</b>	Limit value 8 hours	<b>1 mg/m<sup>3</sup></b>	GESTIS
<b>Orthophosphoric acid</b>	7664-38-2	<b>European Union</b>	Limit value short value	<b>2 mg/m<sup>3</sup></b>	GESTIS

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#### 8.2 Exposure controls

##### Personal protective equipment

- Eye/Face protection: the concentration of substances which cause eye and skin irritation is below the limit of classification. Nevertheless safety goggles and disposable nitrile gloves are recommended.
- Skin protection: the concentration of substances which cause skin irritation is below the limit of classification. Nevertheless disposable nitrile gloves are recommended.
- Respiratory protection: not applicable
- Thermal hazards: none
- Environmental exposure controls: general advice avoid subcoil penetration. See also section 6
- Consumer exposure controls: See section 7

**Solution in which the concentrations of hazard components do not exceed the concentration limits(%) of the hazard classes and categories.**

### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Appearance: liquid

Odour: none

Odour threshold: not determined

pH:11,9

Freezing point: < 0°C

Initial boiling point:100 °C

Flash point: not applicable

Evaporation rate: not applicable

Vapour pressure: not applicable

Relative vapour density: not applicable

Solubility: completely miscible in water, 20 °C

Auto-ignition temperature: not applicable

Decomposition temperature: No data available

Explosive properties: none

Oxidising properties: No data available

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9.2 Other information  
none

## **SECTION 10 : Stability and reactivity**

- 10.1 Reactivity : No dangerous reaction known under conditions of normal use
- 10.2 Chemical stability : solution is stable
- 10.3 Possibility of hazardous reactions: none
- 10.4 Conditions to avoid :Protect from sunlight, frost, heat .This recommended for quality reasons
- 10.5 Incompatible materials: none
- 10.6 Hazardous decomposition products: none reasonably foreseeable

## **SECTION 11: Toxicological information**

- 11.1 Information toxicological effects
  - Acute toxicity : below the concentration limit
  - Skin corrosion/irritation: below the concentration limit
  - Serious eye damage/eye irritation: below the concentration limit
  - Respiratory or skin sensitisation: not expected
  - Germ cell mutagenicity: no data available
  - Carcinogenicity: no data available
  - Reproductive toxicity: no data available
  - STOT-single exposure: no data available
  - STOT-repeated exposure : no data available
  - Aspiration hazard : no data available

This product contains substances under the concentration limit of classification in any hazard class according to Regulation (EC) No 1272/2008.

## **SECTION 12: Ecological information**

### 12.1 Toxicity

- Toxicity to fish: LC50 (Gambusia affinis(Mosquito fish)): 276000 mg/l, 96 h
- Toxicity to daphnia and other aquatic invertebrates: No available data
- Toxicity to algae: No available data

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- 12.2 Persistence and degradability of orthophosphoric acid: inorganic substance. The methods for determining biodegradability are not applicable
- 12.3 Bioaccumulative potential : No data available
- 12.4 Mobility in soil: No data available
- 12.5 Results of PBT and vPvB assessment: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT)
- 12.6 Other adverse effects: none additional ecological information

### **SECTION 13: Disposal considerations**

- 13.1 Waste treatment methods
  - Product: no key at EWC
  - Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal
  - Waste key for the unused product: no key at EWC
  - Waste key for the unused product(Group): no key at EWC

### **SECTION 14: Transport information**

- 14.1 UN Number : Not regulated as a dangerous good
- 14.2 UN proper shipping name: Not regulated as a dangerous good
- 14.3 Transport hazard class: Not regulated as a dangerous good
- 14.4 Packing group: Not regulated as a dangerous good
- 14.5 Environmental hazards: Not regulated as a dangerous good
- 14.6 Special precautions for user: See Section 8
- 14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code not applicable for product as supplied

### **SECTION 15 : Regulatory information**

- 15.1 Safety, health and environmental regulations/ legislation specific for the mixture :  
The mixture is not subject to Regulation EC No 2037/2000 either to Regulation EC No 850/2004 nor to Directive 2010/75/EC. The surfactant(s) contained in this mixture complies with the biodegradability criteria as laid down in Regulation EC No 648/2004. C
- 15.2 Chemical Safety Assessment : For this mixture a chemical safety assessment is not required

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#### SECTION 16: other information

- Abbreviations and acronyms  
SDS: Safety data sheet  
P 270: Do not eat, drink, smoke when using this product  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P303+P361+P353: If on skin : remove /take off all contaminated clothing.
- The || symbol will be used in case of a revised safety data sheet, as an indication of where changes have been made to the previous version.
- Key Literature  
GESTIS Database  
European chemicals agency (ECHA) guidance
- The method that had been used for the purpose of classification of the mixture was the calculation method.
- This Safety Data Sheet has been compiled and is solely intended for this product. The information provided is correct to the best of our knowledge at the date of its publication. It is written under the current information and it doesn't guarantee for the product properties. It doesn't establish an contractual legal relationship.