

## Cleaning agent for Milk frother

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

#### Product identifier

Trade name: Cleaning agent for milk frother / milk frother cleaner

#### Usage

Relevant identified uses of the substance or mixture and uses advised against  
Application of the substance / the preparation cleaning agent for milk frother

#### Details of the supplier of the safety data sheet Manufacturer/Supplier:

Company name: Jorgas cleaning products  
Street: Weidenstraße 13  
Nation, ZIP, Town: D-82386 Huglfing  
Email: info@jorgas.com  
Telephon: +49 (0)8 81 – 43 29  
Telefax: +49 (0)8 81 – 417 004  
Further information: Mr. Jorgas, Telephon: +49 (0)1 71 – 52 25 503  
**Emergency telephone number: +49 (0)1 71 – 52 25 503**

### 2. Hazards identification

#### Classification of the substance or mixture according to Directive 67/548/EEC or Directive



1999/45/EC: Xi; irritant

R 36/38 Irritating to eyes and skin.

#### Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

#### Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

#### Code letter and hazard designation of:



Xi Irritant

Risk phrases: 36/38 Irritating to eyes and skin.

Safety phrases: 2 Keep out of the reach of children.  
25 Avoid contact with eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
28 After contact with skin, wash immediately with plenty of soap and water.  
46 If swallowed, seek medical advice immediately and show this container or label.  
56 Dispose of this material and its container to hazardous or special waste collection point.

#### Other hazards:

Results of PBT and vPvB assessment:  
PBT: Not applicable. / vPvB: Not applicable.

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### 3. Composition/information on ingredients

**Dangerous components:**

CAS-Nr.	EINECS / ELINCS	Name	Substance	Classification
<b>7664-38-2</b>	<b>231-633-2</b>	<b>Phosphoric acid</b>	<b>2,5-10%</b>	<b>C; R34</b>
<b>68131-39-5</b>		<b>Alkohole C12-15,ethoxyliert</b>	<b>2,5-10%</b>	<b>Xi;Xn; R22,41</b>
<b>7173-51-5</b>	<b>230-525-2</b>	<b>Didecyldimethylammoniumchloride</b>	<b>&lt; 2,5%</b>	<b>C;Xn;N; R34,22,50</b>
<b>69011-36-5</b>		<b>Isotridecaanol, 3-20 EO</b>	<b>&lt; 2,5%</b>	<b>Xn;Xi; R22,36/38</b>

Chemical characterization: Mixtures

Description: Mixture of substances listed above with nonhazardous additions.

Additional information: For the wording of the listed risk phrases refer to section 16.

### 4. First aid measures

Description of first aid measures

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist consult doctor.

**Information for doctor:**

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

### 5. Firefighting measures

Extinguishing media

Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

**Advice for firefighters**

Protective equipment: No special measures required.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Not required.

Environmental precautions: Dilute with plenty of water.  
Do not allow to enter sewers / surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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### 7. Handling and storage

**Handling:**

Precautions for safe handling: No special precautions are necessary if used correctly.  
Information about fire - and explosion protection: No special measures required.

**Conditions for safe storage, including any incompatibilities**

Storage: No special requirements.  
Requirements to be met by storerooms and receptacles: Not required.  
Information about storage in one common storage facility: Keep container tightly sealed.  
Further information about storage conditions: No further relevant information available.  
Specific end use(s):

### 8. Exposure controls/personal protection

**Control parameters Ingredients with limit values that require monitoring at the workplace:**

CAS-Nr.	Name	Substance
7664-38-2	Phosphoric acid	2,5-10%

**Additional information:** The lists valid during the making were used as basis.

**Exposure controls**

Personal protective equipment:  
General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection: Not required.

Protection of hands: Protective gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
Penetration time of glove material  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

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### 9. Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Colour:	Blue
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value at 20°C:	2.1
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure at 20°C:	23 hPa
Density at 20°C:	1.072 g/cm <sup>3</sup>
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Fully miscible.
Segregation coefficient (n-octanol/water): Not determined.	
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	0.0 %
Water:	81.1 %
VOC (EC)	0.00 %
Solids content:	5.8 %
Other information	No further relevant information available.

## 10. Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

## 11. Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin:

Irritant to skin and mucous membranes.

on the eye:

Irritating effect.

Sensitization:

No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: **Irritant**

## 12. Ecological information

**Toxicity**

Acquatic toxicity:

No further relevant information available.

Persistence and degradability:

No further relevant information available.

**Behaviour in environmental systems:**

Bioaccumulative potential:

No further relevant information available.

Mobility in soil:

No further relevant information available.

**Additional ecological information:**

General notes:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. 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.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Other adverse effects:

No further relevant information available.

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### 13. Disposal considerations

**Waste treatment methods**

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Waste disposal key:

The waste code numbers are since 1.1.1999 not only product but essentially Application-specific. The valid application for the waste code number can be found in the European Waste Catalogue.

**Uncleaned packaging:**

Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

### 14. Transport information

**Maritime transport IMDG:**

Marine pollutant:

No

Special precautions for user:

Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable.

### 15. Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product:



Xi Irritant

**Risk phrases:**

36/38 Irritating to eyes and skin.

**Safety phrases:**

2 Keep out of the reach of children.

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46 If swallowed, seek medical advice immediately and show this container or label.

56 Dispose of this material and its container to hazardous or special waste collection point.

**National regulations:**

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## **Cleaning agent for Milk frother**

### **16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### **Relevant phrases**

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
R22 Harmful if swallowed.  
R34 Causes burns.  
R36/38 Irritating to eyes and skin.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.

Contact: Mr. Jorgas