

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

### Identification of the substance or preparation

Commercial Product name:

WMF Special Cleaner for WMF WIPSTAR Cream Dispensers

### Use of the substance / preparation

Cleaning agent

### Company/undertaking identification

Manufacturer / distributor: IBEDA-CHEMIE Klaus P. Christ GmbH

Street/POB-No.: Am Eichelgärtchen 32

State/city/postal code: D-56283 Halsenbach

Email: ibeda-chemie@t-online.de

Telephone: +49 (0)6747-228

Telefax: +49 (0)6747-6243

Dept. responsible for information:

Herr Dohmann

Telephone: 06747-228

### Emergency information:

Beratungsstelle bei Vergiftung

Telephone: 06131-19240

## 2. Composition/information on ingredients

Dangerous constituents:

CAS-Number	EINECS-Number	Chemical name (acc. to EC)	Content	Symbol(s)	R-phrase(s)
5949-29-1	201-069-1	Citric acid monohydrate	<= 15 %	Xi	36
7664-38-2	231-633-2	Phosphoric acid	<= 5 %	C	34
7173-51-5	230-525-2	Didecyl dimethylammonium chloride	<= 3 %	C	22, 34
97043-91-9	-	Fatty alcohol polyglycol ether	<= 3 %	Xn	22, 41
68391-01-5	269-919-4	Dimethyl benzylammonium chloride	<= 2 %	C, N	22, 34, 50

## 3. Hazard identification

### Classification



Xi

Irritant

R 36/38

Irritating to eyes and skin.

R 52

Harmful to aquatic organisms.

## 4. First aid measures

### Critical hazard to man and environment:

after skin contact:

Remove contaminated clothing.

Wash affected skin with generous amount of water. Soda solution (5-10%) can be used for removal of residues.

after eye contact:

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

Subsequently consult an ophthalmologist.

after swallowing:

Rinse mouth with water. Drink large quantities of water. Consult physician.

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Information to physician: Treat symptomatically.  
Alcohol is contraindicated.  
contains

## 5. Fire fighting measures

Suitable extinguishing media:

Extinguishing powder, Carbon dioxide, Foam, Sand.

Particular hazards arising from the preparation itself, combustion products or resulting gases:

In case of fire may form:

Nitrogen oxides (NO<sub>x</sub>), phosphor compounds, chlorhydric gas, carbon monoxide and carbon dioxide

Additional information:

Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous..

## 6. Accidental release measures

Personal precautions:

Preventive skin protection.

Avoid contact with eyes and skin.

In case of accident or if you feel unwell, seek medical advice immediately.

Methods for cleaning up / spillage removal:

Soak up with absorbent materials such as sand, siliceus earth, acid- or universal binder.

Store in special closed containers and dispose of according to ordinance.

Final cleaning: Wash spill area with plenty of water.

Additional information:

Floors may become slippery.

## 7. Handling and storage

### Handling

Information for safe handling:

Whenever possible use closed equipment with this product.

Provide good ventilation in the work area.

Keep your workplace clean.

Avoid contact with eyes and skin.

### Storage

Requirement for storerooms and containers:

Keep container tightly closed.

### Further information on storage conditions:

Storage class: 10

## 8. Exposure controls / personal protection

### Information on system design and engineering measures

See information in chapter 7, section storage.

Hand protection:

Protective gloves

Eye protection:

tightly sealed safety glasses

General protection and hygiene measures:

Wash hands when done working with material; at breaks, lunch, shift changes, etc.

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**9. Physical and chemical properties****Appearance**

Form: liquid  
Colour: blue  
Odour: characteristic

**Safety relevant data**

Boiling temperature / boiling range:  $\geq 100$  °C (212 °F)  
Vapour pressure: at 20 °C (68 °F): (Water) 20 hPa  
Density: at 20 °C (68 °F): 1,09 g/cm<sup>3</sup>  
pH value: at 20 °C (68 °F), 10 g/l: approx. 3,2  
Solubility in water: miscible  
Thermal decomposition:  $> 100$  °C (212 °F)

**10. Stability and reactivity**

Hazardous decomposition products:

In case of fire may form:

Nitrogen oxides (NO<sub>x</sub>), phosphor compounds, chlorhydric gas, carbon monoxide and carbon dioxideThermal decomposition:  $> 100$  °C (212 °F)**11. Toxicological information****Toxicological Tests**

Acute toxicity: LD50 rat, oral:  $\geq 2000$  mg/kg  
after skin contact: irritant  
after eye contact: irritant

**12. Ecological information****Ecotoxicological effects**

Aquaticity: Harmful to aquatic organisms.  
Water risk class: 2  
water pollutant  
Effects in sewage plants: Do not bring higher quantities to clarification plants.

**Additional ecological information**

General remarks: Do not allow to enter ground soil, sewage or drains.

**13. Disposal considerations****Product**

Waste key number EU: 070699 (Residues of detergents.)  
Recommendation: Dispose of waste according to applicable local, state, and federal regulations.  
Smaller amounts: Dilute with a large quantity of water.

**Contaminated packaging**

Recommendation: Rinse with water. Wrap waste as is appropriate for the type of material.  
Can be burnt together with household waste.  
Large amounts: Waste key number EU: 150110 = Packings containing harmful residue.

## 14. Transport information

### Overland transport

Remarks: ADR/RID: not applicable

### Transport by sea

Remarks: not applicable

### Air transport

Remarks: not applicable

### Additional information

Not a hazardous material with respect to transportation regulations.

## 15. Regulatory information

### Classification

Code letter and hazard symbol:

Xi Irritant

R phrase(s):

R 36/38 Irritating to eyes and skin.  
R 52 Harmful to aquatic organisms.

S phrase(s):

S 2 Keep out of reach of children.  
S 7 Keep container tightly closed.  
S 24/25 Avoid contact with skin and eyes.  
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 27 Take all contaminated clothing off immediately.  
S 28 After contact with skin, wash immediately with plenty of water.

### National regulations

National regulations Germany

Storage class: 10

Water risk class: 2  
water pollutant

## 16. Other information

### Further remarks

R phrase(s): R 22 = Harmful if swallowed.  
R 34 = Causes burns.  
R 36 = Irritating to eyes.  
R 36/38 = Irritating to eyes and skin.  
R 41 = Risk of serious damage to eyes.  
R 50 = Very toxic to aquatic organisms.  
R 52 = Harmful to aquatic organisms.

Reason of change: Changes in section 12 + 15: WGK 3 --&gt; WGK2

### Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.