

**SECTION 1: Identification of the substance/mixture
and of the company/undertaking****1.1 Product identifier**

Trade name: WMF-M250

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Cleaning agent

1.3 Details of the supplier of the safety data sheet

Company name: IBEDA-CHEMIE Klaus P. Christ GmbH

Street/POB-No.: Am Eichelgärtchen 32

Postal Code, city: 56283 Halsenbach

Germany

E-mail: info@ibeda-chemie.com

Telephone: +49 (0)6747-9501-0

Telefax: +49 (0)6747-9501-11

Dept. responsible for information:

Herr Dohmann, Telephone: +49 (0)6747-9501-16

1.4 Emergency telephone number

Beratungsstelle bei Vergiftung, Telephone: +49 (0)6131-19240

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP)**

Eye Dam. 1; H318 Causes serious eye damage.

Classification according to Directive 67/548/EEC or 1999/45/EC

This preparation is classified as not hazardous.

2.2 Label elements**Labelling (CLP)**

Signal word:

Danger

Hazard statements:

H318

Causes serious eye damage.

Safety precautions:

P102

Keep out of reach of children.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER or doctor/ physician.

Labelling (67/548/EEC or 1999/45/EC)

R phrase(s):

not applicable

S phrase(s):

S 2

Keep out of the reach of children.

S 46

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

Special labelling

Text for labelling:

Contains < 5% cationic surfactants, < 5% phosphates.

Contains CAS 68424-85-1: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides = 4,13 g/kg

Registration number according to "Biozid-Meldeverordnung": N-41647

Use biocides safely. Always read the label and product information before use.

2.3 Other hazards

No risks worthy of mention.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EINECS 201-196-2 CAS 79-33-4	Lactic acid	< 5 %	EU: Xi; R 38, 41 CLP: Skin Irrit. 2; H315. Eye Dam. 1; H318.
EINECS 270-325-2 CAS 68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	< 1 %	EU: Xn; R22. C; R34. N; R50. CLP: Acute Tox. 4; H302. Skin Corr. 1B; H314. Aquatic Acute 1; H400.

Additional information:

Labelling for contents according to regulation (EC) No 648/2004, annex 7:

Contains < 5% cationic surfactants, < 5% phosphates

Labelling of components and their concentrations in accordance with Directive 98/8/EC, article 20:

CAS 68424-85-1: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides = 4,13 g/kg

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

If you feel unwell, seek medical advice.

After inhalation:

Provide fresh air. Seek medical treatment in case of troubles.

In case of skin contact:

Remove contaminated clothing. Wash affected skin with generous amount of water. Soda solution (5-10%) can be used for removal of residues. In case of skin irritation, consult a physician.

After eye contact:

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses. Subsequently seek the immediate attention of an ophthalmologist.

After swallowing:

Rinse mouth with water. Drink large quantities of water.
Never give an unconscious person anything through the mouth.
Do not induce vomiting. Consult physician.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Alcohol is strongly contraindicated.

Contains bactericide.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

Fires in the immediate vicinity may cause the development of dangerous vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Hazchem-Code: -

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Wear suitable protective clothing.

Provide adequate ventilation.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous 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.

6.4 Reference to other sections

Refer additionally to chapter 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Whenever possible use closed equipment with this product.

Provide adequate ventilation, and local exhaust as needed.

Keep your workplace clean.

Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed.

Storage class:

12 Non-combustible liquids

7.3 Specific end use(s)

Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Occupational exposure controls

Hand protection: protective gloves according to EN 374.
Glove material: Nitrile rubber - NBR
Breakthrough time: > 480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:
Change contaminated clothing.
Avoid contact with skin and eyes.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid
Colour: light blue
Odour: characteristic

Boiling temperature / boiling range: > 100 °C

Vapour pressure: at 20 °C: (Water) 20 hPa

Density: approx. 1,02 g/mL

pH value: acidic

Water solubility: miscible

Thermal decomposition: > 100 °C

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Refer to 10.3

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong acids, alkalis

10.6 Hazardous decomposition products

Thermal decomposition: Fires in the immediate vicinity may cause the development of dangerous vapours.
> 100 °C

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Lack of data.
Eye damage/irritation: Eye Dam. 1; H318 = Causes serious eye damage.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Contains phosphates: May contribute to the eutrophication of water supplies.
Water Hazard Class: 1 = slightly hazardous to water

12.2. Persistence and degradability

Further details: No data available
Effects in sewage plants: Do not bring higher quantities to clarification plants.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 07 06 99 = Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics.

MFSU = manufacture, formulation, supply and use

Recommendation: Dispose of waste according to applicable legislation.
Smaller amounts: Dilute with plenty of water.

Contaminated packaging

Waste key number: 15 01 02 = Plastic packaging.

Recommendation: Rinse with water. Wrap waste as is appropriate for the type of material.
Single packs can be disposed of together with household waste.

SECTION 14: Transport information

14.1 UN number

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: Not restricted

14.3 Transport hazard class(es)

not applicable

14.4 Packing group

not applicable

14.5 Environmental hazards

Marine pollutant - IMDG: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: -

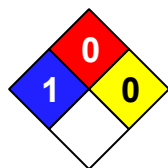
National regulations - EC member states

Further regulations, limitations and legal requirements:

Registration number according to "Biozid-Meldeverordnung": N-41647

National regulations - USA

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 0 (Minimal)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 0 (Minimal)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
	X

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information**Further information**

Wording of the H-phrases under paragraph 2 and 3:

H302 = Harmful if swallowed.

H314 = Causes severe skin burns and eye damage.

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H400 = Very toxic to aquatic life.

Wording of the R-phrases under paragraph 2 and 3:

R 22 = Harmful if swallowed.

R 34 = Causes burns.

R 38 = Irritating to skin.

R 41 = Risk of serious damage to eyes.

R 50 = Very toxic to aquatic organisms.

Reason of change:

Changes in section 2: GHS

General revision

Date of first version:

28.06.2007

Department issuing data sheet

Contact person:

see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.