

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

Identification of the substance or preparation

Commercial Product name:

WMF Special-Cleaning Tablets

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)
10332-33-9	234-390-0	Sodium perborate	15-25 %	O, Xn	8, 22, 36/38
497-19-8	207-838-8	Sodium carbonate	<= 35 %	Xi	36
7758-29-4	231-838-7	Sodium tripolyphosphate	<= 30 %	-	-
77-92-9	201-069-1	Citric acid	<= 10 %	Xi	36

3. Hazard identification

Classification



Xi

Irritant

R 36/38

Irritating to eyes and skin.

4. First aid measures

Critical hazard to man and environment:

after inhalation:

Provide fresh air. Keep affected person calm.

If breathing becomes irregular or ceases, administer artificial respiration or oxygen immediately, as needed. The product reacts alkaline. (aqueous solution)

after skin contact:

After contact with skin, wash immediately with plenty of water.

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:

Drink large quantities of water. Do not induce vomiting. Seek medical attention.

Information to physician:

Treat symptomatically.

Rinse mouth with water. The product reacts alkaline.

5. Fire fighting measures

Suitable extinguishing media:

Product is non-flammable. Extinguishing materials should be selected according to the surrounding area.

Additional information:

The product reacts alkaline. (aqueous solution)
Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

6. Accidental release measures

Personal precautions:

Provide adequate ventilation.
Wear personal protection equipment.
Avoid generation of dust. Do not breathe dust. Avoid contact with the substance.

Environmental precautions:

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

Methods for cleaning up / spillage removal:

Collect dry and place in appropriate containers for disposal, cleaning.
To clean the floor and all object contaminated by this material, use water.

7. Handling and storage

Handling

Information for safe handling:

Provide adequate ventilation.
Whenever possible use closed equipment with this product.
Avoid generation of dust.
In case of dust: Use local exhaust.

Storage

Requirement for storerooms and containers:

Keep container tightly closed and dry. Keep in a cool place.

Information about storage in one common storage facility:

Avoid contact with heavy metals and acids.

Further information on storage conditions:

The product reacts alkaline. (aqueous solution)

Storage class:

13

8. Exposure controls / personal protection

Information on system design and engineering measures

See information in chapter 7, section storage.

Respiratory protection:

With the formation of dust, use a dust mask.

Hand protection:

chemically resistant 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.

9. Physical and chemical properties

Appearance

Form:

solid, tablets

Colour:

white

Odour:

odourless

Safety relevant data

Melting point / melting range: ≥ 100 °C (212 °F)
pH value: at 20 °C (68 °F), 10 g/l: 9,6
Solubility in water: at 80 °C (176 °F): easily soluble

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Contact with acids liberates carbon dioxide.
Water solution will give off hydrogenium peroxide.

Materials to avoid:

Avoid contact with heavy metals and acids.

11. Toxicological information**Toxicological Tests**

after swallowing: Absorption of large quantities of phosphates may lead to gastrointestinal reactions, vomiting and diarrhea.
after skin contact: irritant
after eye contact: irritant

General remarks

The product reacts alkaline. (aqueous solution)

12. Ecological information**Ecotoxicological effects**

Aquaticity: In waste water: Sodium carbonate and hydrogenium peroxide.
Water risk class: 1
Mild water pollutant

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: not applicable
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.

S phrase(s): S 2 Keep out of reach of children.

S 22 Do not breathe dust.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Special designation of certain preparations:

contains phosphates, oxygen-based bleaching agents and Sodium carbonate

National regulations**National regulations Germany**

Storage class: 13

Water risk class: 1
Mild water pollutant**16. Other information****Further remarks**R phrase(s): R 8 = Contact with combustible material may cause fire.
R 22 = Harmful if swallowed.
R 36 = Irritating to eyes.
R 36/38 = Irritating to eyes and skin.**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.