

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

1.1 Product identifier

Trade name: WMF Special-Cleaning Tablets 1,3g

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

Department responsible for information:

Herr Dohmann, Telephone: +49 (0)6747-9501-16 (Only available during office hours.)

1.4 Emergency telephone number

GIZ-Nord, Göttingen, Germany,

Telephone: +49 551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Eye Irrit. 2; H319 Causes serious eye irritation.

2.2 Label elements

Labelling (CLP)



Signal word: **Warning**

Hazard statements: H319 Causes serious eye irritation.

Precautionary Statements: P102 Keep out of reach of children.

P280 Wear protective gloves and eye 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.

P337+P313 If eye irritation persists: Get medical advice/attention.

Special labelling

Text for labelling: Labelling for contents according to regulation (EC) No 648/2004, annex VII:
Contains
- 15% or over but less than 30% phosphonates
- 15% or over but less than 30% oxygen-based bleaching agents

2.3 Other hazards

Contains phosphonates. May contribute to the eutrophication of water supplies.

Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Mixture of inorganic salts with organic materials

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 207-838-8 CAS 497-19-8	Sodium carbonate	25 - 35 %	Eye Irrit. 2; H319.
REACH 01-2119457268-30-xxxx EC No. 239-707-6 CAS 15630-89-4	Sodium percarbonate	15 - 25 %	Ox. Sol. 3; H272. Acute Tox. 4; H302. Eye Dam. 1; H318.
REACH 01-2119510382-52-xxxx EC No. 249-559-4 CAS 29329-71-3	(1-Hydroxyethylidene) bisphosphonic acid, sodium salt	15 - 20 %	Acute Tox. 4; H302. Eye Irrit. 2; H319.
REACH 01-2119457026-42-xxxx EC No. 201-069-1 CAS 77-92-9	Citric acid, anhydrous	1 - 10 %	Eye Irrit. 2; H319.

Full text of H- and EUH-statements: see section 16.

Additional information: Contains Polyethylene glycol.
The maximum workplace exposure limits are, where necessary, listed in section 8.

SECTION 4: First aid measures**4.1 Description of first aid measures**

General information: First aider: Pay attention to self-protection!
If medical advice is needed, have product container or label at hand.

In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, 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, if present and easy to do. Continue rinsing. Subsequently seek the immediate attention of an ophthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

5.2 Special hazards arising from the substance or mixture

Fires in the immediate vicinity may cause the development of dangerous vapours. In case of fire may be liberated: Sodium compounds, phosphorus compounds, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

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

Additional information:

Hazchem-Code: -

Fire water reacts alkaline. Do not allow water used to extinguish fire to enter drains, ground or waterways. Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust. Avoid contact with the substance. Provide adequate ventilation.

Wear appropriate protective equipment. Keep unprotected people away.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. If necessary notify appropriate authorities.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Wash spill area with plenty of water.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid dust formation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Have eye wash bottle or eye rinse ready at work place.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.
Keep container dry.

Hints on joint storage:

Do not store together with strong reducing agents, strong oxidizing agents, strong acids or strong alkalis.
Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

Type	Limit value
Great Britain: WEL-TWA	10 mg/m ³ (Dust limit value, inhalable fraction)
Great Britain: WEL-TWA	4 mg/m ³ (Dust limit value, respirable fraction)
Ireland: 8 hours	10 mg/m ³ (Dust limit value, inhalable fraction)
Ireland: 8 hours	4 mg/m ³ (Dust limit value, respirable fraction)

8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment. Vent dust from the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded. In case of dust formation: Dust mask/Particulates filter P2 according to EN 143.

Hand protection: Protective gloves according to EN 374.
Glove material: Nitrile rubber or butyl caoutchouc (butyl rubber).
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:

Provide adequate ventilation, and local exhaust as needed. Avoid dust formation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Have eye wash bottle or eye rinse ready at work place.

Environmental exposure controls

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

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	Physical state at 20 °C and 101.3 kPa: solid Form: Tablets Colour: white
Odour:	No data available
Odour threshold:	No data available
pH value:	10
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	Not applicable
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	No data available
Water solubility:	soluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	No data available
Oxidizing characteristics:	No data available

9.2 Other information

Additional information: No data available

SECTION 10: Stability and reactivity**10.1 Reactivity**

Product reacts alkaline.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

The product hydrolyses quickly in the presence of water to: Sodium carbonate and hydrogen peroxide (H₂O₂)

10.4 Conditions to avoid

humidity. Excessive heating. Avoid generation of dust.

10.5 Incompatible materials

Strong oxidizing agents, strong reducing agents, strong alkalis, strong acids

10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix (calculated): > 2000 mg/kg mg/kg.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.

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.

Other information: Information about Sodium percarbonate:

LD50 Rat, oral: 1,034 - 2,000 mg/kg.

Information about (1-Hydroxyethylidene)bisphosphonic acid, sodium salt:

LD50 Rat, oral: 1,100 mg/kg.

Symptoms

In case of inhalation: May cause irritations.

In case of ingestion:

Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

After eye contact: Redness, pain, corneal opacity.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Information about Sodium percarbonate
Algae toxicity:
EC50 *Chlorella vulgaris*: 7.7 mg/L (calculated, read across hydrogen peroxide)
Daphnia toxicity:
EC50 *Daphnia pulex* (water flea): 4.9 mg/L/48h
NOEC *Daphnia pulex* (water flea): 2.0 mg/L/48h
Fish toxicity:
LC50 *Pimephales promelas* (fathead minnow): 70.7 mg/L/96h

12.2 Persistence and degradability

Further details: Information about Sodium percarbonate
Methods for the determination of biodegradability are not applicable to inorganic substances.
The product hydrolyses quickly in the presence of water to: Sodium carbonate and hydrogen peroxide (H₂O₂)

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

General information: Contains phosphonates. May contribute to the eutrophication of water supplies.
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: 20 01 29* = Detergents containing hazardous substances
* = Evidence for disposal must be provided.

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

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

14.5 Environmental hazards

Marine pollutant:

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 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:

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No data available

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

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

H272 = May intensify fire; oxidiser.

H302 = Harmful if swallowed.

H318 = Causes serious eye damage.

H319 = Causes serious eye irritation.

Reason of change:

Changes in section 1: Trade name, material number

Date of first version:

10/9/2019

Department issuing data sheet

Contact person: see section 1: Department responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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.

Most recent product information is available at:
<http://sumdat.net/mwubfb7w>

