

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

1.1 Product identifier

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

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.

Skin Irrit. 2; H315 Causes skin irritation.

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

Xi; R41 Risk of serious damage to eyes.

Xi; R38 Irritating to skin.

2.2 Label elements

Labelling (CLP)

Signal word

Danger

Hazard statements

H315

Causes skin irritation.

H318

Causes serious eye damage.

Safety precautions

P264

Wash hands and face thoroughly after handling.

P280

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

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P332+P313

If skin irritation occurs: Get medical advice/attention.

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)


irritant

R phrase(s):	R 38	Irritating to skin.
	R 41	Risk of serious damage to eyes.
S phrase(s):	S 2	Keep out of the reach of children.
	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 39	Wear eye/face protection.
Text for labelling	Contains sodium percarbonate and Potassium peroxomonosulfate. Contains 15-30% phosphonates, 15-30% oxygen-based bleaching agents.	

2.3 Other hazards

May be harmful if swallowed.
 Contains phosphonates. May contribute to the eutrophication of water supplies.

SECTION 3: Composition/ information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterization (preparation):

Mixture of inorganic salts with organic materials

Hazardous ingredients:

Ingredient	General name	Content	Classification
EINECS 207-838-8 CAS 497-19-8	Sodium carbonate	10-25 %	EU: Xi; R36. CLP: Eye Irrit. 2; H319.
REACH 01-2119457268-30-xxxx EINECS 239-707-6 CAS 15630-89-4	Sodium percarbonate	10-20 %	EU: O; R8. Xn; R22. Xi; R41. CLP: Ox. Sol. 3; H272. Acute Tox. 4; H302. Eye Dam. 1; H318.
REACH 01-2119457026-42-xxxx EINECS 201-069-1 CAS 5949-29-1	Citric acid monohydrate	< 10 %	EU: Xi; R36. CLP: Eye Irrit. 2; H319.
EINECS 274-778-7 CAS 70693-62-8	Potassium peroxomonosulfate	< 5 %	EU: Xn; R22. C; R34. R52. CLP: Acute Tox. 4; H302. Skin Corr. 1B; H314. Aquatic Chronic 3; H412.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:	Provide fresh air. In case of respiratory difficulties seek medical attention.
In case of skin contact:	Remove residues with water. 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. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing:	Rinse mouth and drink large quantities of water. Consult physician.

4.2 Most important symptoms and effects, both acute and delayed

After eye contact: Redness, pain, corneal opacity.

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:

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. In case of fire may be liberated: Sodium compounds, sulphur oxides, 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. Treat runoff as hazardous.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.
Avoid generation of dust. Do not breathe dust.
Wear personal protection equipment.

6.2 Environmental precautions

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

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

not applicable

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

In case of dust: Withdraw by suction. Do not breathe dust.
Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store in a dry place.

Hints on joint storage

Do not store together with highly inflammable or combustible materials.

Storage class:

13Non-combustible solids

7.3 Specific end use(s)

Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Please observe generally defined limit for dust:
TWA Great Britain: 10 mg/m³ (inhalable dust)
TWA Great Britain: 4 mg/m³ (respirable dust)

8.2 Exposure controls

Provide adequate ventilation. Vent dust from the work area.

Occupational exposure controls

Respiratory protection: In case of dust: 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:

Remove contaminated clothing.
Wash hands before breaks and after work.
Provide a conveniently located eye rinse station.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: solid, Tablets
Colour: white
Odour: odourless
Density: approx. 2 g/cm³
pH value: 9,5-10,5 (10%-solution)
Water solubility: soluble

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

strong acids and alkalis

10.6 Hazardous decomposition products

In case of fire may be liberated: Sodium compounds, sulphur oxides, phosphorus compounds, carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

After inhalation:	May cause irritations.
After swallowing:	Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract. May be harmful if swallowed.
In case of skin contact:	irritant
After eye contact:	Strongly irritant. Risk of serious damage to eyes.

Symptoms

After eye contact: Redness, pain, corneal opacity.

General remarks

Information about Potassium peroxomonosulfate:
LD50 Rat, oral: 1200 - 2050 mg/kg.
Harmful if swallowed.

Information about Sodium percarbonate:
LD50 Rat, oral: 1034 - 2000 mg/kg.
Harmful if swallowed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:	Harmful effects on water organisms by modification of pH-value. Contains phosphonates. May contribute to the eutrophication of water supplies. Information about Potassium peroxomonosulfate: Bacterial toxicity: EC50 <i>Pseudomonas putida</i> : 179 mg/L/18h. Daphnia toxicity: NOEC <i>Daphnia magna</i> : 1,8 mg/L/24h (OECD 202). LC50 <i>Daphnia magna</i> : 5,3 mg/L/24h (OECD 202). Fish toxicity: NOEC <i>Brachydanio rerio</i> (zebra-fish): 32 mg/L/96h (OECD 203). Source: IUCLID.
Water Hazard Class:	2 = hazardous to water

12.2. Persistence and degradability

Further details: No data available

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 20 01 29* = Detergents containing dangerous 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: Waste key number 150101 - paper and cardboard packaging
Waste key number 150102 - Plastic packaging: PVC/PVDC
Waste key number 150104 - Metallic packaging: Aluminium

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 - Germany

Storage class: 13Non-combustible solids

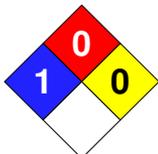
Water Hazard Class: 2 = hazardous to water

Informations on working limitations:

Observe employment restrictions concerning young persons.
Observe employment restrictions for expectant or nursing mothers.

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 remarks**

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

H272 = May intensify fire; oxidiser.
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.
H412 = Harmful to aquatic life with long lasting effects.

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

R 8 = Contact with combustible material may cause fire.
R 22 = Harmful if swallowed.
R 34 = Causes burns.
R 36 = Irritating to eyes.
R 38 = Irritating to skin.
R 41 = Risk of serious damage to eyes.
R 52 = Harmful to aquatic organisms.

Reason of change:

Changes in section 2: classification/labelling
Changes in section 3: classification CAS No. 15630-89-4
General revision

Group that issues data sheet

Contact person: see chapter 1, department 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.



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