

according to Regulation (EC) No 1907/2006

Washing compound AC 6696

Revision date: 15.02.2021

Product code: BO5002822

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

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

cleaning agent

1.3. Details of the supplier of the safety data sheet

Company name:	BOHLE AG	
Street:	Dieselstr. 10	
Place:	D-42781 Haan	
Telephone:	+49 2129 5568-0	Telefax: +49 2129 5568-282
e-mail:	info@bohle.de	
Contact person:	Klaus Nehren	Telephone: +49 2129 5568-276
e-mail:	MSDS@bohle.de	
Internet:	www.bohle.com	
Responsible Department:	Chemie	

1.4. Emergency telephone number: Emergency CONTACT (24-Hour-Number):GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture
Regulation (EC) No. 1272/2008

Hazard categories:
 Serious eye damage/eye irritation: Eye Irrit. 2
 Hazard Statements:
 Causes serious eye irritation.

2.2. Label elements
Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:


Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P264 Wash hands thoroughly after handling.
 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.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Warning

Pictograms:



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2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Chemical characterization

Aqueous solution of organic and inorganic salts.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
7320-34-5	Tetrapotassium pyrophosphate			<20 %
	230-785-7		01-2119489369-18	
	Eye Irrit. 2; H319			

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

Labelling for contents according to Regulation (EC) No 648/2004

15 % - < 30 % phosphates.

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

Take off immediately all contaminated clothing.
Remove affected person from the danger area and lay down.

After inhalation

Provide fresh air.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.

After contact with skin

Wash with plenty of water.
If skin irritation persists, call a physician.

After contact with eyes

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

After ingestion

Rinse mouth. Let water be drunken in little sips (dilution effect).
Do NOT induce vomiting. Call a doctor.
Do not allow a neutralisation agent to be drunk.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media

 Carbon dioxide (CO₂), Extinguishing powder, Water spray jet, alcohol resistant foam

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:
Phosphorus oxides, Carbon dioxide, Carbon monoxide

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5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear personal protective equipment.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

SECTION 13: Disposal considerations

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Advice on safe handling

Provide sufficient air exchange and/or exhaust in work rooms.

Provide eye shower and label its location conspicuously

Advice on protection against fire and explosion

Usual measures for fire prevention.

The product itself does not burn.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place.

Protect from frost, heat and sunlight.

Always close containers tightly after the removal of product.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

storage temperature: 5°C - 40°C

7.3. Specific end use(s)

Cleaning agent

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
7320-34-5	Tetrapotassium pyrophosphate			
Worker DNEL, long-term		inhalation	systemic	44,08 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	10,87 mg/m ³

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PNEC values

CAS No	Substance	Value
Environmental compartment		
7320-34-5	Tetrapotassium pyrophosphate	
Freshwater		0,05 mg/l
Marine water		0,005 mg/l
Micro-organisms in sewage treatment plants (STP)		50 mg/l

8.2. Exposure controls
Appropriate engineering controls

Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

Protective and hygiene measures

Provide adequate ventilation. Do not breathe vapour/aerosol.
 Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately.
 Keep away from food, drink and animal feedingstuffs. When using do not eat or drink.
 Do not smoke. Wash hands before breaks and at the end of workday.

Eye/face protection

safety glasses with side-shields conforming to EN166

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.
 Recommended material: Butyl caoutchouc (butyl rubber), FKM (fluoro rubber), NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber)
 Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin protection

impervious clothing DIN EN 13034
 Chemical resistant safety shoes

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Combination filtering device (EN 14387)
 Recommended Filter type: AB

Environmental exposure controls

Do not allow to enter into surface water or drains.

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

Physical state: liquid
 Colour: light yellow
 Odour: very faint

Test method

pH-Value (at 20 °C): 9,5

Changes in the physical state

Initial boiling point and boiling range: >100 °C

Explosive properties

Not explosive

Oxidizing properties

Not oxidising.

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Density (at 20 °C):	ca. 1,19 g/cm ³ DIN 51757
Water solubility:	completely miscible
Viscosity / dynamic: (at 20 °C)	5 mPa·s
Viscosity / kinematic: (at 20 °C)	5 mm ² /s

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

None under normal processing.

10.2. Chemical stability

No decomposition if used as directed.

10.3. Possibility of hazardous reactionsNo known hazardous reactions.
Exothermic reaction with strong acids.**10.4. Conditions to avoid**

Protect from frost, heat and sunlight.

10.5. Incompatible materials

acids

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****SECTION 12: Ecological information****12.2. Persistence and degradability**

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**In accordance with local and national regulations.
Consult the appropriate local waste disposal expert about waste disposal.**Contaminated packaging**

In accordance with local and national regulations.

SECTION 14: Transport information**Land transport (ADR/RID)**

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14.2. UN proper shipping name: Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Inland waterways transport (ADN)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D):

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H319 Causes serious eye irritation.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)