

Trade name: havonACTIVE

Date revised: 18.05.07

Dangerous substance number:

Version: 2 / WORLD

Date of printing: 04.06.07

01. Identification of the substance/preparation and company

Trade name

havonACTIVE

Use

Washing additive; For industrial application only.

Identification of the manufacturer / supplier

Address

Hagleitner Hygiene International GmbH
 Lunastrasse 5
 AT5700 Zell am See
 Telephone no. +43 6542 72896
 Fax no. +43 6542 74422
 Information provided Department product safety
 by / telephone
 Emergency Anti Poison Center Vienna: +43 (0) 1 / 406 43 430
 telephone number

02. Composition / information on ingredients

Declaration according to EC No. 648/2004:

15% or over but less than 30%:

oxygen-based bleaching agents

less than 5%:

non-ionic surfactants

constituent:

enzymes

Hazardous ingredients

Peroxometaborato de sodio

CAS no.	7632-04-4				
EINECS no.	231-556-4				
Concentration	>=	25	<	50	%
Classification	Xi, R36				

Perboric acid, sodium salt

CAS no.	11138-47-9				
EINECS no.	234-390-0				
Concentration	>=	25	<	50	%
Classification	O, R8 Xn, R22 Xi, R36/38				

FATTY ALCOHOL ALCOXYLATE

CAS no.	66455-14-9				
EINECS no.	500-165-3				
Concentration	>=	1	<	10	%
Classification	Xi, R41 Xn, R22 N, R50				

Amylase, a-

CAS no.	9000-90-2				
EINECS no.	232-565-6				
Concentration	>=	1	<	10	%
Classification	Xn, R42				

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Sodium carbonate

CAS no.	497-19-8				
EINECS no.	207-838-8				
Concentration	>=	10	<	25	%
Classification	Xi, R36				

Subtilisin

CAS no.	9014-01-1				
EINECS no.	232-752-2				
Concentration	>=	1	<	10	%
Classification	Xn, R42 Xi, R37/38-R41				

03. Hazards possibilities**Hazard symbols**

Xn Harmful

R phrases

22	Harmful if swallowed.
36/38	Irritating to eyes and skin.
42	May cause sensitization by inhalation.

Specific hazards to man and the environment

No special hazards have to be mentioned.

04. First aid measures**General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. No special measures necessary.

After skin contact

In case of contact with skin wash off with warm water. No special measures necessary.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After ingestion

Rinse mouth thoroughly with water. When swallowed seek medical aid immediately and show the physician the packaging or the label of the packaging.

05. Fire-fighting measures**Suitable extinguishing media**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non Suitable extinguishing media

Compatible with all usual extinguishing media.

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases

None known

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

06. Accidental release measures**Personal precautions**

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High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into surface waters/groundwater.

Methods for cleaning up/taking up

Pick up mechanically. Rinse away rest with plenty of water.

07. Handling and storage**Handling****Advice on safe handling**

Keep container tightly closed. Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

The product is not combustible.

Storage**Requirements for storage rooms and vessels**

Keep only in the original container.

Recommended storage temperature

Value	10	30	°C
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VCI storage category

VCI storage category	13	Non- combustible solids
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Storage stability

Storage life: 3 years

Certain use

For industrial application only.

08. Exposure controls / personal protection**General protective and hygiene measures**

Avoid prolonged and/or repeated contact with skin. Use barrier skin cream. Do not eat, drink or smoke during work time. Observe the usual precautions when handling chemicals.

Personal protective equipment**Respiratory protection**

Use breathing apparatus in dust-laden atmosphere.

Hand protection

In case of intensive contact wear protective gloves.

Eye protection

Safety glasses

Skin protection

Clothing as usual in the chemical industry.

09. Physical and chemical properties**Appearance**

Form	powder
Colour	white
Odour	characteristic

Safety data**Flash point**

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Value	> 200	°C
Remarks	not applicable	

Boiling point

Remarks	not applicable
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Melting point

Remarks	not applicable
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Freezing point

Remarks	not applicable
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Fire promoting Properties

valuation	None known
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Vapour pressure

Remarks	not applicable
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Bulk density

Value	appr. 760	to	860	kg/m ³
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Solubility in water

Remarks	soluble
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pH

Value	appr. 10		
Concentration/H ₂ O	10	g/l	
temperature	20	°C	

log Pow

Remarks	not determined
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10. Stability and reactivity**Conditions to avoid**

Do not keep at temperatures above 30 °C.

Materials to avoid

No hazardous reactions when stored and handled according to prescribed instructions.

Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remarks	No decomposition if used as prescribed.
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11. Toxicological information**Acute toxicity / further data****Acute oral toxicity**

LD50	appr. 2000	mg/kg
Source	estimated value	

Irritant/corrosive effects**Irritant effect on skin**

valuation	irritant
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Irritant effect on eyes

valuation	irritant
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Sensitization

valuation	sensitizing
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12. Ecological information

General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13. Disposal considerations

Disposal recommendations for the product

EWC waste code 20 01 30 detergents other than those mentioned in 20 01 29
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

14. Transport information

Land transport ADR/RID

non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Xn Harmful

Hazardous component(s) to be indicated on label

contains Perboric acid, sodium salt;Amylase, a-;Subtilisin

R phrases

22 Harmful if swallowed.
36/38 Irritating to eyes and skin.
42 May cause sensitization by inhalation.

S phrases

22 Do not breathe dust.
25 Avoid contact with eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

VOC (CH)

VOC (CH)	0,0	%
VOC (EU)	0,0	%

16. Other information

Other information

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Alterations/supplements: Alterations to the previous edition are marked with an asterisk (*) in the left-hand margin.

R-phrases of the ingredients listed in chapter 2

22	Harmful if swallowed.
36	Irritating to eyes.
36/38	Irritating to eyes and skin.
37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.
42	May cause sensitization by inhalation.
50	Very toxic to aquatic organisms.
8	Contact with combustible material may cause fire.

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.