

Trade name: havon ACTIVE

Substance number: SUB431030063200

Version: 5 / EU

Date revised: 21.12.2015

the date of issue: 19.04.07

Replaces Version: 4 / EU

Print date: 22.12.15

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

1.1. Product identifier

havon ACTIVE

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

Use of the substance/preparation

Washing additive, For industrial application only.

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

HAGLEITNER HYGIENE International GmbH
Lunastrasse 5
A-5700 Zell am See
Telephone no. +43 (0)5 0456
Fax no. +43 (0)5 0456 7777
E-Mail regulatoryaffairs@hagleitner.at
Information provided by / telephone Regulatory Affairs
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

Address/Supplier

HAGLEITNER HYGIENE International GmbH
Lunastrasse 5
AT5700 Zell am See
Telephone no. +43 (0)5 0456
Fax no. +43 (0)5 0456 7777
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

1.4. Emergency telephone number

Anti Poison Center Vienna: +43 (0)1 406 43430

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)
Acute Tox. 4 H302
Eye Dam. 1 H318

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms ***

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**Signal word *****

Danger

Hazard statements ***

H302 Harmful if swallowed.
H318 Causes serious eye damage.

Precautionary statements ***

P280 Wear protective gloves/protective clothing/eye protection/face 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.
P310 Immediately call a POISON CENTER or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** Disodium carbonate, compound with hydrogen peroxide (2:3)

For industrial application only.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients (Regulation (EC) No. 1272/2008) *******Disodium carbonate, compound with hydrogen peroxide (2:3)**

| | | | |
|------------------|------------|--|---|
| CAS No. | 15630-89-4 | | |
| EINECS no. | 239-707-6 | | |
| Registration no. | PRE | | |
| Concentration | >= 50 | | % |

Classification (Regulation (EC) No. 1272/2008)

| | |
|--------------|------|
| Eye Dam. 1 | H318 |
| Acute Tox. 4 | H302 |
| Ox. Sol. 2 | H272 |

Concentration limits (Regulation (EC) No. 1272/2008)

| | |
|--------------|--------------|
| Eye Dam. 1 | > 25 % |
| Eye Irrit. 2 | <= 10 < 25 % |
| Acute Tox. 4 | > 25 % |

Sodium carbonate

| | | | |
|------------------|------------------|------|---|
| CAS No. | 497-19-8 | | |
| EINECS no. | 207-838-8 | | |
| Registration no. | 01-2119485498-19 | | |
| Concentration | >= 25 | < 50 | % |

Classification (Regulation (EC) No. 1272/2008)

| | |
|--------------|------|
| Eye Irrit. 2 | H319 |
|--------------|------|

Ingredients (Regulation (EC) No 648/2004)

Labelling of contents (Regulation (EC) No 648/2004):

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less than 5 %:
phosphates
non-ionic surfactants
further ingredients:
enzymes
perfumes

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. No special measures required.

After skin contact

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

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. If swallowed, seek medical advice immediately and show this container or label.

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / treatment

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Compatible with all usual extinguishing media.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

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

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6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

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

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value \geq 5 \leq 25 °C

Storage stability

Storage life: 3 years

Requirements for storage rooms and vessels

Keep only in the original container.

Further information on storage conditions

Keep container tightly closed.

7.3. Specific end use(s)

For industrial application only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

There is not known any national exposure limit.

8.2. Exposure controls

Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

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 for handling chemicals.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere.

Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material Natural Latex

z.B.: BRILLANT latexCOMFORT, Art.-Nr. 4451000400

Appropriate Material nitrile

z.B.: BRILLANT nitrilX-TREME, Art.-Nr. 4451001000 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

Eye protection

Safety glasses

Body protection

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Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | | |
|--|---|-----|------|
| Form | Powder | | |
| Colour | white | | |
| Odour | characteristic | | |
| pH value | | | |
| Value | appr. 9,5 | to | 10,5 |
| Concentration/H ₂ O | 10 | g/l | |
| Temperature | 20 | °C | |
| Remarks | alkaline | | |
| Melting point | | | |
| Remarks | Not applicable | | |
| Freezing point | | | |
| Remarks | Not applicable | | |
| Sublimation point | | | |
| Remarks | not determined | | |
| Initial boiling point and boiling range | | | |
| Remarks | Not applicable | | |
| Flash point | | | |
| Value | > 200 | | °C |
| Remarks | Not applicable | | |
| Evaporation rate | | | |
| Remarks | not determined | | |
| Evaporation rate (ether = 1) : | | | |
| Remarks | not determined | | |
| Vapour pressure | | | |
| Remarks | Not applicable | | |
| Vapour density | | | |
| Remarks | not determined | | |
| Solubility in water | | | |
| Remarks | completely soluble | | |
| Partition coefficient: n-octanol/water | | | |
| Remarks | not determined | | |
| Combustion factor | | | |
| Remarks | not determined | | |
| Decomposition temperature | | | |
| Remarks | No decomposition if used as prescribed. | | |
| Viscosity | | | |
| Remarks | Not applicable | | |
| Oxidising properties | | | |
| evaluation | None known | | |

9.2. Other information

Bulk density

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| | | | | |
|---------------------------------|----------------|----|-----|-------------------|
| Value | appr. 840 | to | 960 | kg/m ³ |
| Packed bulk density | | | | |
| Remarks | not determined | | | |
| Solids content | | | | |
| Remarks | not determined | | | |
| Saturation Concentration | | | | |
| Remarks | not determined | | | |
| Critical point | | | | |
| Remarks | not determined | | | |
| Dissociation constant | | | | |
| Remarks | not determined | | | |
| Surface tension | | | | |
| Remarks | not determined | | | |
| Other information | | | | |
| None known | | | | |

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Protect from extreme heat and cold. Protect from atmospheric moisture and water.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Keep at temperature not exceeding 30 °C.

Decomposition temperature

Remarks No decomposition if used as prescribed.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE 1.000 mg/kg
Method calculated value (Regulation (EC) No. 1272/2008)

Skin corrosion/irritation

evaluation irritant

Serious eye damage/irritation

evaluation irritant - risk of serious damage to eyes
Source calculated value

Sensitization

evaluation non-sensitizing

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Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

| | | |
|----------------------|---|------|
| Reference substance | Sodium carbonate | |
| CAS No. | 497-19-8 | |
| Species | Bluegill (<i>Lepomis macrochirus</i>) | |
| LC50 | 385 | mg/l |
| Duration of exposure | 24 | h |
| Source | IUCLID | |

Daphnia toxicity

| | | |
|----------------------|------------------|------|
| Reference substance | Sodium carbonate | |
| CAS No. | 497-19-8 | |
| Species | Daphnia magna | |
| EC50 | 265 | mg/l |
| Duration of exposure | 48 | h |
| Source | IUCLID | |

12.2. Persistence and degradability**General information**

not determined

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil**General information**

not determined

12.5. Results of PBT and vPvB assessment

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General information

not determined

12.6. Other adverse effects**General information**

not determined

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.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 20 01 29* detergents containing dangerous substances
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.

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

Non-dangerous goods

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class -

14.4. Packing group

Packing group -

Marine transport IMDG/GGVSee

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

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class -

14.4. Packing group

Packing group -

Air transport ICAO/IATA

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

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class -

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14.4. Packing group

Packing group -

Information for all modes of transport**14.6. Special precautions for user**

Non-dangerous goods

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not determined

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC**

| | | | |
|----------|---|---|---|
| VOC (CH) | = | 0 | % |
| VOC (EU) | = | 0 | % |

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

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

Hazard statements listed in Chapter 3

| | |
|------|--------------------------------|
| H272 | May intensify fire; oxidiser. |
| H302 | Harmful if swallowed. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |

CLP categories listed in Chapter 3

| | |
|--------------|--------------------------------|
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | Eye irritation, Category 2 |
| Ox. Sol. 2 | Oxidising solid, Category 2 |

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Civil Aviation Organization
 CAS: Chemical Abstracts Service
 EINECS: European Inventory of Existing Commercial Chemical Substances
 VOC: Volatile Organic Compound
 n.a.g.: nicht anders genannt
 MAK: Maximale Arbeitsplatz-Konzentration
 NOEL: No observable effect level
 NOEC: No observable effect concentration
 LD: Lethal dose
 LC: Lethal concentration
 IMO: International Maritime Organization
 UN: United Nations
 REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
 DMEL: Derived minimal effect level
 DNEL: Derived no effect level

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RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

IMO: International Maritime Organization

EC: European Community

EU: European Union

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

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.

