

Trade name: havon PERFECT

Substance number: SUB431020010000

Version: 6 / EU

Date revised: 26.11.2015

the date of issue: 15.05.07

Replaces Version: 5 / EU

Print date: 22.12.15

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

1.1. Product identifier

havon PERFECT

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

Use of the substance/preparation

Main wash cycle detergent in powder form. For industrial application only. Disinfectants and general biocidal products, Private area and public health area disinfectants and other biocidal products

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 Regulatory Affairs
by / telephone
E-mail address of regulatoryaffairs@hagleitner.at
person responsible
for this SDS

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 regulatoryaffairs@hagleitner.at
person responsible
for this SDS

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)
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

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); Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts; Alcohol Ethoxylate C12-13; Sodium silicate

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)****Sodium carbonate**

CAS No.	497-19-8				
EINECS no.	207-838-8				
Registration no.	01-2119485498-19				
Concentration	>= 10	<	25	%	

Classification (Regulation (EC) No. 1272/2008)
 Eye Irrit. 2 H319

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

CAS No.	15630-89-4				
EINECS no.	239-707-6				
Registration no.	PRE				
Concentration	>= 10	<	14	%	

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 %

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

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CAS No.	68411-30-3				
EINECS no.	270-115-0				
Registration no.	01-2119489428-22-0027				
Concentration	>= 3	<	6,1	%	

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

Acute Tox. 4	H302
Skin Irrit. 2	H315
Eye Dam. 1	H318
Aquatic Chronic 3	H412

Alcohol Ethoxylate C12-13

CAS No.	16091-19-9				
EINECS no.	931-954-4				
Concentration	>= 3	<	4,1	%	

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

Eye Dam. 1	H318
Acute Tox. 4	H302

Sodium silicate

CAS No.	1344-09-8				
EINECS no.	215-687-4				
Registration no.	01-2119448725-31-XXXX				
Concentration	>= 3	<	3,5	%	

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

Skin Irrit. 2	H315
Eye Dam. 1	H318

Ingredients (Regulation (EC) No 648/2004)

15 % or over but less than 30 %:

zeolites

5 % or over but less than 15 %:

anionic surfactants

less than 5 %:

oxygen-based bleaching agents

non-ionic surfactants

soap

further ingredients:

enzymes

perfumes

optical brighteners

disinfectants

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. When dust is intensively inhaled, seek medical help immediately.

After skin contact

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

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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

Shortness of breath

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.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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.

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. Information regarding waste disposal, see Section 13.

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

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No special measures required.

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.

Eye protection

Safety glasses

Body protection

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	Product specific

pH value

Value	appr. 10,2	to	10,8
Concentration/H ₂ O	10	g/l	
Temperature	20	°C	
Remarks	weakly alkaline		

Freezing point

Remarks	Not applicable
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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 miscible

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Auto-ignition temperature

Remarks not determined

Combustion factor

Remarks not determined

Decomposition temperature

Remarks No decomposition if used as prescribed.

Viscosity

Remarks not determined

Oxidising properties

evaluation None known

9.2. Other information**Bulk density**Value appr. 610 to 670 kg/m³**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

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

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 2.173,91 mg/kg
3

Method calculated value (Regulation (EC) No. 1272/2008)

Skin corrosion/irritationevaluation slight irritant effect - does not require labelling
Remarks Test conducted with a similar formulation.**Serious eye damage/irritation**evaluation irritant
Remarks Test conducted with a similar formulation.**Sensitization**

evaluation non-sensitizing

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)

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Remarks not determined

Experience in practice

Inhalation of dusts may irritate the respiratory tract.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

Fish toxicity

Reference substance	Disodium carbonate, compound with hydrogen peroxide (2:3)		
CAS No.	15630-89-4		
Species	Fathead minnow (<i>Pimephales promelas</i>)		
LC50	70,7		mg/l
Duration of exposure	96	h	

Reference substance	Sodium carbonate		
CAS No.	497-19-8		
LC50	300		mg/l
Duration of exposure	96	h	

Daphnia toxicity

Reference substance	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts		
CAS No.	68411-30-3		
Species	Daphnia magna		
EC50	1	to	10 mg/l
Duration of exposure	48	h	
Method	OECD TG 202		

Reference substance	Sodium oleate		
CAS No.	143-19-1		
Species	Daphnia magna		
EC50	0,57		mg/l
Duration of exposure	48	h	
Source	EPA ECOTOX Database		

Reference substance	Disodium carbonate, compound with hydrogen peroxide (2:3)		
CAS No.	15630-89-4		
Species	Daphnia magna		
EC50	4,9		mg/l
Duration of exposure	48	h	
Method	EPA-FIFRA		
Source	IUCLID		

Reference substance	Disodium metasilicate		
CAS No.	6834-92-0		
Species	Daphnia magna		
EC50	247		mg/l
Duration of exposure	100	h	
Source	IUCLID		

Reference substance	Sodium carbonate		
CAS No.	497-19-8		

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Species	Daphnia magna				
EC50	200	to	227	mg/l	
Duration of exposure	48	h			

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**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 594 Detergentien- und Waschmittelabfälle

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

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Packing group -

14.5. Environmental hazards

-

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

14.5. Environmental hazards

-

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

14.4. Packing group

Packing group

14.5. Environmental hazards

-

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**

less than 5 %:

phosphonates

Further ingredients

alpha-hexylcinnamaldehyde, Benzoic acid, 2-Hydroxy-,phenylmethyl ester, 2H-1-benzopyran-2-one, (E)-3,7 Dimethyl-2,6-octadien-1-ol, BENZYL BENZOATE, LINALOOL, 4-(2,6,6,-Trimethyl-2-cyclohexen-1-yl)-3-methyl-3-buten-2-on, Benzyl alcohol

Biocide Substance

Peracetic acid

Concentration

14,7

g/kg

CAS No.

79-21-0

15.2. Chemical safety assessment

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

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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.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Ox. Sol. 2	Oxidising solid, Category 2
Skin Irrit. 2	Skin irritation, Category 2

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
IMDG: International Maritime Code for Dangerous Goods
CAS: Chemical Abstracts Service
VOC: Volatile Organic Compound
INCI: International Nomenclature of Cosmetic Ingredients
MEL: Maximum exposure limits
NOEL: No observable effect level
NOEC: No observable effect concentration
LD: Lethal dose
LC: Lethal concentration
EC: European Community
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
IMO: International Maritime Organization
EG: Europäische Gemeinschaft
CEFIC: European Chemical Industry Council
PNEC: Predicted no effect concentration
DNEL: Derived no effect level
DMEL: Derived minimal effect level
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
IMO: International Maritime Organization
EC: European Community
GHS: Globally Harmonized System of classification and Labelling of Chemicals
MAK: Maximale Arbeitsplatz-Konzentration
UN: United Nations

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.

