

* HEPPY CLEAN SUGAR

Date revised: 24.03.2020

8770090221

Version: 8 / AT

Master No. MA-211

Date of printing: 27.10.2020

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

HEPPY CLEAN SUGAR

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

Detergents

1.3. Details of the supplier of the safety data sheet**Address/Manufacturer**

HEPRO LAUNDRY EQUIPMENT AG

Industriestrasse 28

3210 Kerzers

Telephone no. +41 26 493 61 61

Information provided Department product safety / +41 26 493 61 61

by / telephone

E-Mail info@hepro.ch

1.4. Emergency telephone number

0800 564 402 CHEMTREC (Schweiz, 24 Stunden)

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

Skin Irrit. 2 H315

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****Signal word**

Danger

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Sensitising substances

EUH208 Contains Orange, sweet, ext.

May produce an allergic reaction.

Precautionary statements

P280.2 Wear protective gloves/eye/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

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P310 lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor.

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

contains *** Potassium hydroxide; Benzenesulfonic acid, alkyl derivs., sodium salts; Isotridecanol, ethoxylated (5-20 EO)

2.3. Other hazards

The product does not contain PBT/vPvB-substances

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients****Isotridecanol, ethoxylated (5-20 EO)**

CAS No.	69011-36-5				
EINECS no.	500-241-6				
Registration no.	01-2119976362-32-XXXX				
Concentration	>= 1	<	10	%	
Acute Tox. 4	H302				
Eye Dam. 1	H318				

Benzenesulfonic acid, alkyl derivs., sodium salts

CAS No.	68411-30-3				
EINECS no.	270-115-0				
Registration no.	01-2119489428-22-XXXX				
Concentration	>= 1	<	10	%	
Skin Irrit. 2	H315				
Eye Dam. 1	H318				
Acute Tox. 4	H302				
Aquatic Chronic 3	H412				

Alcohols, C10-12, ethoxylated propoxylated

CAS No.	68154-97-2				
EINECS no.	935-890-8				
Concentration	>= 1	<	10	%	
Eye Irrit. 2	H319				

fatty alcohol alkoxyate

Registration no.	NICHT RELEVANT (POLYMER)				
Concentration	>= 1	<	10	%	
Acute Tox. 4	H302				
Eye Irrit. 2	H319				
Aquatic Chronic 3	H412				

2-Phenoxyethanol

CAS No.	122-99-6				
EINECS no.	204-589-7				
Registration no.	01-2119488943-21-XXXX				
Concentration	>= 1	<	10	%	
Acute Tox. 4	H302				
Eye Irrit. 2	H319				

sodium cumenesulphonate

CAS No.	15763-76-5				
EINECS no.	239-854-6				
Registration no.	01-2119489411-37XXXX				
Concentration	>= 1	<	10	%	

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Eye Irrit. 2

H319

Benzyl alcohol

CAS No. 100-51-6

EINECS no. 202-859-9

Registration no. 01-2119492630-38-XXXX

Concentration >= 1 < 10 %

Acute Tox. 4 H332

Acute Tox. 4 H302

Potassium hydroxide

CAS No. 1310-58-3

EINECS no. 215-181-3

Registration no. 01-2119487136-33-XXXX

Concentration >= 0,1 < 1 %

Acute Tox. 4 H302

Skin Corr. 1A H314

Orange, sweet, ext.

CAS No. 8028-48-6

EINECS no. 232-433-8

Registration no. 01-2119493353-35-XXXX

Concentration >= 0,1 < 1 %

Flam. Liq. 3 H226

Asp. Tox. 1 H304

Skin Irrit. 2 H315

Skin Sens. 1 H317

Aquatic Chronic 2 H411

Further ingredients**(2-Methoxymethylethoxy)-propanol (mixed isomers)**

CAS No. 34590-94-8

EINECS no.

252-104-2

Registration no. 01-2119450011-60-XXXX

Concentration >= 1 < 10 %

[3]

For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

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

Carbon dioxide, Dry powder, Water spray jet

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

5.3. Advice for firefighters

Cool endangered containers with water spray jet.

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 allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

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**

Observe the usual precautions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Emptied containers may contain product residues and therefore must be handled with care. Reuse only after appropriate cleaning. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****2-Phenoxyethanol**

List MAK(GKV 2003)

Type MAK

Value 110 mg/m³ 20 ppm(V)Short term exposure limit 110 mg/m³ 20 ppm(V)

Maximum limit value: Mow; Skin resorption / sensibilisation: H; Pregnancy group; Status: 12/2011

(2-Methoxymethylethoxy)-propanol (mixed isomers)

List MAK(GKV 2003)

Type MAK

Value 307 mg/m³ 50 ppm(V)Short term exposure limit 614 mg/m³ 100 ppm(V)

Maximum limit value: 8x5 Mow; Skin resorption / sensibilisation: H; Pregnancy group; Status: 12/2011

8.2. Exposure controls

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General protective and hygiene measures

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards.

Respiratory protection

Not necessary.

Hand protection

Chemical resistant gloves

Appropriate Material

nitrile

Material thickness

>=

0,6

mm

Breakthrough time

480

min

Eye protection

Tightly fitting 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**

liquid

Colour

light yellow, clear

pH value

Value

9,00

to

9,60

Flash point

Value

>

100

°C

Density

Value

appr. 1,00

kg/l

Viscosity

Value

appr. 15

s

Temperature

20

°C

Method

DIN 53211 4 mm

9.2. Other information

No information available.

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

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

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

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Acute oral toxicity

ATE 4.077 mg/kg
 Method calculated value (Regulation (EC) No. 1272/2008)
 Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)**Benzyl alcohol**

Species rat
 LD50 1620 mg/kg

Isotridecanol, ethoxylated (5-20 EO)

Reference substance Isotridecanol, ethoxylated (5-20 EO)
 Species rat
 LD50 appr. 1000 mg/kg
 Source Literature value

Acute dermal toxicity

Based on available data, the classification criteria are not met.

Acute inhalational toxicity

ATE > 100 mg/l
 Administration/Form Vapors
 Method calculated value (Regulation (EC) No. 1272/2008)
 ATE > 20 mg/l
 Administration/Form Dust/Mist
 Method calculated value (Regulation (EC) No. 1272/2008)
 Based on available data, the classification criteria are not met.

Skin corrosion/irritation

evaluation irritant
 The classification criteria are met.

Serious eye damage/irritation

evaluation corrosive
 The classification criteria are met.

Sensitization

Based on available data, the classification criteria are not met.

Sensitization (Components)**Orange, sweet, ext.**

May cause sensitization by skin contact.

Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)**Single exposure**

Based on available data, the classification criteria are not met.

Repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

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

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For this subsection there is no ecotoxicological data available on the product as such.

Daphnia toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Algae toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Bacteria toxicity

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

The product does not contain PBT/vPvB-substances

12.6. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

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

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out 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**

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

Marine transport IMDG/GGVSee

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

SECTION 15: Regulatory information *****Ingredients (Regulation (EC) No 648/2004)****5 % or over but less than 15 %:**

non-ionic surfactants

less than 5 %:

anionic surfactants

Further ingredients

1,2-Benzisothiazol-3(2h)-one, 2-Methyl-2H-isothiazol-3-one, Benzyl alcohol, Benzyl benzoate, Alpha Methyl Ionone, Benzyl Salicylate, Citronellol, coumarin, Eugenol, geraniol, Hexyl Cinnamal, linalool

VOC ***

VOC (EU) 10,9 %

Other information

The product does not contain substances of very high concern (SVHC).

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15.2. Chemical safety assessment

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

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

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.