

Trade name: hagodorPURE

Substance number: SUB0302022170000

Version: 2 / EU

Date revised: 24.11.2015

the date of issue: 09.12.14

Replaces Version: 1 / EU

Print date: 22.12.15

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

1.1. Product identifier

hagodorPURE

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

Use of the substance/preparation

Sanitary cleanser, 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 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)
Skin Irrit. 2 H315
Eye Irrit. 2 H319
Aquatic Chronic 3 H412

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**

Warning

Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
EUH208 Contains	Methyl trimethyl-3-[(1-oxododecyl)amino]propylammonium sulphate, May produce an allergic reaction.

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)

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)****Isotridecanoethoxylate**

CAS No.	POLYMER
EINECS no.	N.A.
Registration no.	02-2119552461-55-0000
Concentration	>= 3 < 5,6 %

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

Eye Dam. 1	H318
Acute Tox. 4	H302

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

Eye Dam. 1	H318	>= 10 %
	H319	< 10 %

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

CAS No.	68424-85-1
EINECS no.	270-325-2
Registration no.	PRE
Concentration	>= 1 < 1,4 %

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

Met. Corr. 1	H290
Skin Corr. 1B	H314
Aquatic Acute 1	H400
Acute Tox. 4	H302
Acute Tox. 4	H312

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Aquatic Chronic 1 H410

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

Aquatic Acute 1 H400 M = 10

Methyl trimethyl-3-[(1-oxododecyl)amino]propylammonium sulphate

CAS No. 10595-49-0

EINECS no. 234-204-8

Registration no. PRE

Concentration >= 0,1 < 1 %

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

Skin Irrit. 2 H315

Eye Dam. 1 H318

Skin Sens. 1 H317

Aquatic Acute 1 H400

Aquatic Chronic 2 H411

Ingredients (Regulation (EC) No 648/2004)

5 % or over but less than 15 %:

non-ionic surfactants

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

Remove contaminated, soaked 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. Eye treatment by an Occulist.

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

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There is not known any national exposure limit.

8.2. Exposure controls

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

Not necessary, but do not inhale vapours.

Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material	butyl		
Material thickness	=	0,5	mm
Breakthrough time	>=	120	min
Appropriate Material	nitrile		

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

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	liquid		
Colour	blue-green		
Odour	Product specific		
pH value			
Value	appr.	7	
Freezing point			
Value	appr.	-4	to 4 °C
Sublimation point			
Remarks	not determined		
Initial boiling point and boiling range			
Value	appr.	100	°C
Flash point			
Value	>	100	°C
Evaporation rate			
Remarks	not determined		
Evaporation rate (ether = 1) :			
Remarks	not determined		
Vapour pressure			
Remarks	not determined		
Vapour density			
Remarks	not determined		
Density			
Value	appr.	1	g/cm ³
Temperature	=	20	°C
Solubility in water			

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Remarks Completely miscible

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

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**

Remarks not determined

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**

Reactions with impurities.

10.2. Chemical stability

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.

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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	7.815,41	mg/kg
	85	

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

Acute oral toxicity (Components)**Isotridecanoethoxylate**

Species	rat			
LD50	=	500	to	2000 mg/kg
Method	OECD-Directive 423			

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Species	rat	
LD50	=	795 mg/kg

Acute dermal toxicity

ATE	>	10.000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		

Acute dermal toxicity (Components)**Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides**

Species	rat	
LD50	=	1560 mg/kg

Skin corrosion/irritation

evaluation	irritant
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Serious eye damage/irritation

evaluation	irritant - risk of serious damage to eyes
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Sensitization

evaluation	non-sensitizing
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Subacute, subchronic, chronic toxicity

Remarks	not determined
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Mutagenicity

Remarks	not determined
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Reproductive toxicity

Remarks	not determined
---------	----------------

Carcinogenicity

Remarks	not determined
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Specific Target Organ Toxicity (STOT)

Remarks	not determined
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Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

Product specific toxicological data are not known.

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SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity (Components)

Isotridecanoethoxylate

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50	=	1	to	10
Source	Manufacturer's data			mg/l

Daphnia toxicity (Components)

Isotridecanoethoxylate

EC50	=	1	to	10	mg/l
Duration of exposure	=	72	h		

Algae toxicity (Components)

Isotridecanoethoxylate

EC50	=	1	to	10	mg/l
Duration of exposure	=	72	h		

Bacteria toxicity (Components)

Isotridecanoethoxylate

Species	activated sludge			
EC10	>	10000		mg/l
Duration of exposure	=	17	h	
Method	DIN 38412 Part8			
Source	Manufacturer's data			

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.

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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

-

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

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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****5 % or over but less than 15 %:**

non-ionic surfactants

less than 5 %:

cationic surfactants

Further ingredients

A mixture of: 5-Chloro-2-methyl-2H-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1), Benzyl salicylate, dl-Citronellol, Coumarin, Citral

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

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

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

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EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Compound

NOEL: No observable effect level

NOEC: No observable effect concentration

LD: Lethal dose

LC: Lethal concentration

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

IMO: International Maritime Organization

DNEL: Derived no effect level

PNEC: Predicted no effect concentration

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

EC: European Community

EU: European Union

GHS: Globally Harmonized System of classification and Labelling of Chemicals

MAK: Maximale Arbeitsplatz-Konzentration

INCI: International Nomenclature of Cosmetic Ingredients

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.

