

Trade name: sanitary2GO

Substance number: SUB441020061900

Version: 8 / EU

Date revised: 08.04.2019

the date of issue: 20.06.16

Replaces Version: 7 / EU

Print date: 07.01.2022

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

### **1.1. Product identifier**

*sanitary2GO*

### **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.com  
Information provided Regulatory Affairs  
by / telephone  
E-mail address of regulatoryaffairs@hagleitner.com  
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 4343

## **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 Corr. 1B	H314
Eye Dam. 1	H318
Aquatic Chronic 3	H412
Acute Tox. 4	H302
STOT SE 3	H335

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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

H314 Causes severe skin burns and eye damage.  
H412 Harmful to aquatic life with long lasting effects.  
H302 Harmful if swallowed.  
H335 May cause respiratory irritation.

#### Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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 Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides; methanesulphonic acid; Isotridecanoethoxylate; Decyl alcohol, ethoxylated

#### Supplemental information

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

##### methanesulphonic acid

CAS No.	75-75-2				
EINECS no.	200-898-6				
Concentration	>=	25	<	39	%
Classification	C, R34				

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

Skin Corr. 1B H314

**Isotridecanoethoxylate**

CAS No. POLYMER

EINECS no. N.A.

Registration no. 02-2119552461-55-0000

Concentration &gt;= 3 &lt; 10 %

Classification Xn, R22

Xi, R41

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 &gt;= 10 %

H319 &lt; 10 %

**Decyl alcohol, ethoxylated**

CAS No. POLYMER

EINECS no. POLYMER

Concentration &gt;= 3 &lt; 10 %

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

Eye Dam. 1 H318

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

CAS No. 68424-85-1

EINECS no. 270-325-2

Concentration &gt;= 1 &lt; 2,5 %

Classification Xn, R21/22

C, R34

N, R50

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

Met. Corr. 1 H290

Skin Corr. 1B H314

Aquatic Acute 1 H400

Acute Tox. 4 H302

Aquatic Chronic 1 H410

Eye Dam. 1 H318

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

Aquatic Acute 1 H400 M = 10

Aquatic Chronic H410 M = 1

1

**sulphamidic acid**

CAS No. 5329-14-6

EINECS no. 226-218-8

Concentration &gt;= 1 &lt; 10 %

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Classification Xi, R36/38  
R52/53

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

Aquatic Chronic 3	H412
Eye Irrit. 2	H319
Skin Irrit. 2	H315

**2,6-Dimethyloct-7-en-2-ol**

CAS No. 18479-58-8

EINECS no. 242-362-4

Concentration &gt;= 1 &lt; 10 %

Classification Xi, R38

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

Eye Irrit. 2	H319
Skin Irrit. 2	H315

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

Remove contaminated clothing immediately and dispose of safely.

**After inhalation**

When spray fog inhaled, seek medical aid immediately and show the physician the packing or the packing label. Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

After contact with skin, wash immediately with plenty of water. Seek medical advice immediately.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Shield unaffected eye. Eye treatment by an Oculist.

**After ingestion**

Do not induce vomiting. Drink water in small gulps. Never give anything by mouth to an unconscious person. Take medical treatment.

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

The following symptoms may occur: Shortness of breath, Gastrointestinal complaints

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

Risk of stomach perforation; Risk of respiratory disorders

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

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

**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**

Wear full protective suit. 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. Cool endangered containers with water spray jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. Avoid contact with skin, eyes and clothing. Use breathing apparatus if exposed to vapours/dust/aerosol. High risk of slipping due to leakage/spillage of product. Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Do not discharge into surface waters/groundwater.

**6.3. Methods and material for containment and cleaning up**

Take up with absorbent material (eg sand, kieselguhr, universal binder). Pump off large amounts. Rinse away rest with plenty of water. Dispose of as prescribed.

**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**

Handle and open container with care. Observe the usual precautions for handling chemicals. Use only acid resistant equipment.

**Advice on protection against fire and explosion**

The product is not combustible. 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 original packaging. Provide acid-resistant floor.

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**Hints on storage assembly**

Do not store together with: Alkalis, Do not store together with foodstuffs.

**Further information on storage conditions**

Protect from frost. Keep container tightly closed; open and handle with care.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Other information**

Maintain air concentrations below occupational exposure standards.

**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.

Keep away from foodstuffs and beverages.

**Respiratory protection**

Not necessary, but do not inhale vapours. Breathing apparatus in the event of aerosol or mist formation.

**Hand protection**

Gloves (acid-resistant)

Appropriate Material	neoprene		
Material thickness	=	0,35	mm
Breakthrough time	>	480	min

Gloves (acid-resistant)

Appropriate Material	butyl		
Material thickness	=	0,5	mm
Breakthrough time	>	480	min

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Acid-resistant protective clothing

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Form** liquid**Colour** red**Odour** aromatic**pH value**

Value	<	1	
Concentration/H <sub>2</sub> O	=	100	%
Temperature	=	20	°C

**Freezing point**

Value appr. -4 to 4 °C

**Sublimation point**

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Remarks not determined

**Initial boiling point and boiling range**

Value appr. 100 °C

**Flash point**

Value &gt; 61 °C

**Evaporation rate**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Flammability (solid, gas)**

Not applicable

**Upper/lower flammability or explosive limits**

Remarks Not applicable

**Vapour pressure**

Remarks not determined

**Vapour density**

Remarks not determined

**Density**Value = 1,25 g/cm<sup>3</sup>  
Temperature = 20 °C**Solubility in water**

Remarks miscible in all proportions

**Solubility(ies)**

Remarks not determined

**Partition coefficient: n-octanol/water**

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

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**Surface tension**

Remarks not determined

**Other information**

None known

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

Reactions with alkalies. Reactions with various metals.

**10.2. Chemical stability**

Protect from extreme heat and cold.

**10.3. Possibility of hazardous reactions**

Protect from contamination.

**10.4. Conditions to avoid**

Keep at temperature not exceeding 30 °C. Do not store at temperatures below -5 °C.

**10.5. Incompatible materials**

Corrosive to metals. Incompatible with alkaline substances .

**10.6. Hazardous decomposition products**

Hazardous determin decomposition products: Hydrogen

**Other information**

When diluting, add acids to water, never the other way around. Corrosive to metals.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**ATE 1.296,27 mg/kg  
67

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 3.695,93 mg/kg  
01

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

**Acute dermal toxicity (Components)**



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

Species	rat			
LD50	=	1560		mg/kg

**Skin corrosion/irritation**

evaluation	strongly corrosive
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**Serious eye damage/irritation**

evaluation	strongly corrosive
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**Sensitization**

evaluation	non-sensitizing
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**Subacute, subchronic, chronic toxicity**

Remarks	No data available
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**Mutagenicity**

Remarks	No data available
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**Reproductive toxicity**

Remarks	No data available
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**Carcinogenicity**

Remarks	No data available
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**Specific Target Organ Toxicity (STOT)**

Remarks	No data available
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**Experience in practice**

Product is severely caustic.

**Other information**

Product specific toxicological data are not known.

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

not determined

**Fish toxicity (Components)****Isotridecanoethoxylate**

Species	golden orfe (Leuciscus idus)			
LC50	=	1	to	10
Source	Manufacturer's data			

**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		

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**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**

No data available

**12.3. Bioaccumulative potential****General information**

No data available

**Partition coefficient: n-octanol/water**

Remarks not determined

**12.4. Mobility in soil****General information**

No data available

**12.5. Results of PBT and vPvB assessment****General information**

Not applicable

**12.6. Other adverse effects****General information**

not determined

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

EWC waste code 52102

Dispose of as hazardous waste.

**Disposal recommendations for packaging**

EWC waste code 20 01 39 plastics

Uncontaminated packaging may be taken for recycling.

**SECTION 14: Transport information**

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	1760	1760	1760
14.2. UN proper shipping name	CORROSIVE LIQUID, N.O.S. (methanesulphonic acid, Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides)	CORROSIVE LIQUID, N.O.S. (methanesulphonic acid, Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides)	CORROSIVE LIQUID, N.O.S. (methanesulphonic acid, Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides)
14.3. Transport hazard class(es)	8	8	8
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	 ENVIRONMENTALLY HAZARDOUS	 ENVIRONMENTALLY HAZARDOUS

### Information for all modes of transport

#### 14.6. Special precautions for user

The relevant transport regulations have to be considered.

#### Other information

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not determined

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15 % or over but less than 30 %:

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non-ionic surfactants

**less than 5 %:**

phosphonates, cationic surfactants

**Further ingredients**

trans-1-methyl-4-(1-methylvinyl)cyclohexene

**VOC**

VOC (CH)	=	0,5	%
VOC (EU)	=	0,5	%

**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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful 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 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
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

**Abbreviations**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 CAS: Chemical Abstracts Service  
 VOC: Volatile Organic Compound  
 INCI: International Nomenclature of Cosmetic Ingredients  
 ICAO: International Civil Aviation Organization  
 NOEL: No observable effect level  
 NOEC: No observable effect concentration  
 LC: Lethal concentration

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LC: Lethal concentration

DNEL: Derived no effect level

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

IMO: International Maritime Organization

PNEC: Predicted no effect concentration

EU: European Union

EC: European Community

CEFIC: European Chemical Industry Council

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.

