

Trade name: floorstar2GO

Substance number: SUB441020081900

Version: 9 / EU

Date revised: 11.04.2023

the date of issue: 20.06.16

Replaces Version: 8 / EU

Print date: 15.05.2023

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

### **1.1. Product identifier**

*floorstar2GO*

#### **Substance / product identification**

UFI

SY5J-N1M8-M00Q-DQ7W

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

#### **Use of the substance/preparation**

Concentrated universal cleaner. 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

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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)

Eye Dam. 1

H318

Aquatic Chronic 3

H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

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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

H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

#### 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 2-Propylheptanoethoxilate

EUH208 Contains dipentene, reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1), May produce an allergic reaction.

#### Supplemental information

For industrial application only.

## 2.3. Other hazards

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### 2-(2-butoxyethoxy)ethanol

CAS No.	112-34-5				
EINECS no.	203-961-6				
Registration no.	01-2119475104-44-0005				
Concentration	>= 10	<	25	%	
Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2				H319

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**2-Propylheptanoethoxilate**

CAS No. 160875-66-1  
 Concentration  $\geq 3$  < 10 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Acute Tox. 4 H302  
 Eye Dam. 1 H318

**fatty alcohol alkoxyate 4**

CAS No. POLYMER  
 EINECS no. POLYMER  
 Registration no. 02-2119552554-37-0000  
 Concentration  $\geq 1$  < 10 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Acute Tox. 4 H302  
 Eye Irrit. 2 H319  
 Aquatic Chronic 3 H412

**dipentene**

CAS No. 138-86-3  
 EINECS no. 205-341-0  
 Concentration  $\geq 0,25$  < 1 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Aquatic Acute 1 H400  
 Aquatic Chronic 1 H410  
 Flam. Liq. 3 H226  
 Skin Irrit. 2 H315  
 Skin Sens. 1 H317

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C

**reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)**

CAS No. 55965-84-9  
 Concentration < 0,0015 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Acute Tox. 2 H310  
 Aquatic Acute 1 H400  
 Aquatic Chronic 1 H410  
 Skin Sens. 1A H317  
 Skin Corr. 1C H314  
 Acute Tox. 2 H330  
 Acute Tox. 3 H301  
 Eye Dam. 1 H318

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

Eye Dam. 1	H318	$\geq 0,6$ %
Eye Irrit. 2	H319	$\geq 0,06 < 0,6$ %
Skin Corr. 1C	H314	$\geq 0,6$ %
Skin Irrit. 2	H315	$\geq 0,06 < 0,6$ %
Skin Sens. 1A	H317	$\geq 0,0015$ %

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Aquatic Acute 1 M = 100  
Aquatic Chronic 1 M = 100

Additional remarks:

CLP

Regulation (EC) No 1272/2008, Annex VI, Note B

## **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 ophthalmologist.

#### **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.

#### **Other information**

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

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## **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**

Take up with absorbent material (eg sand, kieselguhr, universal binder). 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. Provide good ventilation of working area (local exhaust ventilation if necessary).

#### **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 original packaging. Storage rooms must be properly ventilated.

#### **Further information on storage conditions**

Keep locked up and out of the reach of children. Keep container tightly closed; open and handle with care.

### **7.3. Specific end use(s)**

For industrial application only.

## **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**

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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		
Material thickness		0,4	mm
Breakthrough time	>=	480	min

z.B.: BRILLANT nitrilCOMFORT, Art.-Nr. 4451000700 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**

<b>Physical state</b>	liquid
<b>Colour</b>	orange
<b>Odour</b>	Product specific
<b>Freezing point</b>	
Value	appr. -4 to 4 °C
<b>Boiling point or initial boiling point and boiling range</b>	
Value	appr. 100 °C
<b>Flash point</b>	
Value	> 100 °C
<b>Decomposition temperature</b>	
Remarks	No decomposition if used as prescribed.
<b>pH value</b>	
Value	appr. 6 to 8
Concentration/H <sub>2</sub> O	= 100 %
<b>Viscosity</b>	
Remarks	not determined
<b>Solubility(ies)</b>	
Remarks	not determined
<b>Partition coefficient n-octanol/water (log value)</b>	
Remarks	not determined
<b>Vapour pressure</b>	
Remarks	not determined

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**Density and/or relative density**

Value	appr. 1		g/cm <sup>3</sup>
Temperature	= 20	°C	

**Relative vapour density**

Remarks not determined

**9.2. Other information****Sublimation point**

Remarks not determined

**Evaporation rate**

Remarks not determined

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

Remarks not determined

**Solubility in water**

Remarks Completely miscible

**Auto-ignition temperature**

Remarks not determined

**Combustion factor**

Remarks not determined

**Oxidising properties**

evaluation None known

**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**

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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.

**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 hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	6.250	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

**Acute oral toxicity (Components)****fatty alcohol alkoxyate 4**

Species	rat	
LD50	> 2000	mg/kg
Source	Manufacturer's data	

**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
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**Carcinogenicity**

Remarks	not determined
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**Specific Target Organ Toxicity (STOT)**

Remarks	not determined
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**11.2 Information on other hazards**

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### Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

### 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 (Components)

##### fatty alcohol alkoxyate 4

Species	golden orfe (Leuciscus idus)	
LC50	= 1 to 10	mg/l
Duration of exposure	= 48 h	
Source	Manufacturer's data	

##### 2-(2-butoxyethoxy)ethanol

Species	golden orfe (Leuciscus idus)	
LC50	> 100	mg/l
Source	Literature value	

#### Daphnia toxicity (Components)

##### fatty alcohol alkoxyate 4

LC50	= 1 to 10	mg/l
Duration of exposure	= 48 h	
Source	Manufacturer's data	

##### 2-(2-butoxyethoxy)ethanol

Species	Daphnia magna	
EC50	> 100	mg/l
Duration of exposure	= 48 h	
Source	Literature value	

#### Algae toxicity (Components)

##### 2-(2-butoxyethoxy)ethanol

EC50	> 100	mg/l
Source	Literature value	

#### Bacteria toxicity (Components)

##### fatty alcohol alkoxyate 4

Species	activated sludge	
	> 1000	mg/l

### 12.2. Persistence and degradability

#### General information

not determined

### 12.3. Bioaccumulative potential

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**General information**

not determined

**Partition coefficient n-octanol/water (log value)**

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 Endocrine disrupting properties****General information**

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

**12.7. Other adverse effects****General information**

not determined

**Global Warming Potential**

Remarks 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**

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.-	The product does not constitute a hazardous substance in sea transport.-	The product does not constitute a hazardous substance in air transport.-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards	-		-

### Information for all modes of transport

#### 14.6. Special precautions for user

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

### Other information

#### 14.7 Maritime transport in bulk according to IMO instruments

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

#### Further ingredients

perfumes, reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1), dl-Citronellol, geraniol, alpha-Hexylcinnamaldehyde, licareol, dipentene, citral

#### Water Hazard Class (Germany)

Water Hazard Class

WGK 3

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(Germany)  
Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

**VOC**

VOC (CH) = 10 %

VOC (EU) = 10 %

**Substance / product identification**

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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**

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

Classification and method used to derive the classification of mixtures in accordance with Regulation (EC) No 1272/2008 [CLP]: Based on test data, calculation method;

**Hazard statements listed in Chapter 3**

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal 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.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
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. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 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
Flam. Liq. 3	Flammable liquid, Category 3
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, Category 1A

**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

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CAS: Chemical Abstracts Service

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.

