

Trade name: active2GO

Substance number: SUB441020071900

Version: 4 / EU

Date revised: 18.12.2018

the date of issue: 20.06.16

Replaces Version: 3 / EU

Print date: 18.12.18

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

### **1.1. Product identifier**

*active2GO*

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

#### **Distributor**

Peerless JAL Pty Ltd  
www.peerlessjal.com.au  
Street Address: 6-12 Raglan St,  
Preston VIC 3072

**Emergency Telephone Number:**  
**03 9416 6700**

#### **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 person responsible regulatoryaffairs@hagleitner.at  
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)  
Flam. Liq. 3 H226  
Skin Corr. 1B H314  
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**

H226 Flammable liquid and vapour.  
H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
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 Alkylethersulfate, Sodium salt; Alkylpolyglucoside; Phosphonic acid; Potassium hydroxide

For industrial application only.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

active2GO

**Hazardous ingredients (Regulation (EC) No. 1272/2008)****Alkylethersulfate, Sodium salt**

CAS No. 68891-38-3  
EINECS no. 500-234-8  
Registration no. 01-2119488639-16  
Concentration  $\geq 10$  < 25 %

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

Skin Irrit. 2 H315  
Eye Dam. 1 H318  
Aquatic Chronic 3 H412

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

Eye Dam. 1 H318  $\geq 10$  %  
Eye Irrit. 2 H319  $\geq 5 < 10$  %

**Propan-2-ol**

CAS No. 67-63-0  
EINECS no. 200-661-7  
Registration no. 01-2119457558-25-XXXX  
Concentration  $\geq 10$  < 20 %

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

Flam. Liq. 2	H225
Eye Irrit. 2	H319
STOT SE 3	H336

**2-(2-Butoxyethoxy)ethanol**

CAS No. 112-34-5

EINECS no. 203-961-6

Registration no. 01-2119475104-44-0005

Concentration &gt;= 1 &lt; 10 %

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

Eye Irrit. 2	H319
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**Potassium hydroxide**

CAS No. 1310-58-3

EINECS no. 215-181-3

Concentration &gt;= 2 &lt; 3 %

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

Acute Tox. 4	H302
Skin Corr. 1A	H314

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

Skin Corr. 1B	H314	>= 2 < 5
Skin Corr. 1A	H314	>= 5
Skin Irrit. 2	H315	>= 0,5 < 2
Eye Irrit. 2	H319	>= 0,5 < 2

**Alkylpolyglucoside**

CAS No. 161074-93-7

EINECS no. N.D.

Concentration &gt;= 1 &lt; 3 %

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

Eye Dam. 1	H318
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**Phosphonic acid**

CAS No. 13598-36-2

EINECS no. 237-066-7

Concentration &gt;= 1 &lt; 1,7 %

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

Acute Tox. 4	H302
Skin Corr. 1A	H314

**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.

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#### **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

### **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**

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**

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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 the original container. 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.

**Derived No/Minimal Effect Levels (DNEL/DMEL)****Alkylethersulfate, Sodium salt**

Reference substance	Alkylethersulfate, Sodium salt	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	2750	mg/kg/d

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	175	mg/m <sup>3</sup>

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	1650	mg/kg/d

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Reference group	Consumer	

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Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	52	mg/m <sup>3</sup>

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Duration of exposure	Consumer	
Route of exposure	Long term	
Mode of action	oral	
Concentration	Systemic effects	
	15	mg/kg/d

### Predicted No Effect Concentration (PNEC)

#### Alkylethersulfate, Sodium salt

Reference substance	Alkylethersulfate, Sodium salt	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,24	mg/l
Method	Assessment factors	

Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Concentration	Saltwater	
Method	0,024	mg/l
	Assessment factors	

Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Concentration	Sewage treatment plant (STP)	
Method	10000	mg/l
	Assessment factors	

Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Concentration	Freshwater sediment	
Method	5,45	mg/kg
	Equilibrium partitioning	

Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Concentration	Marine sediment	
Method	0,545	mg/kg
	Equilibrium partitioning	

Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Concentration	Soil	
Method	0,946	mg/kg
	Equilibrium partitioning	

## 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.

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**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 &gt;= 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** green**Odour** of lemon**pH value**

Value = 10 to 11

Concentration/H<sub>2</sub>O = 100 %

Temperature = 20 °C

**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 = 31,5 °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 = 1,04 g/cm<sup>3</sup>

Temperature = 20 °C

**Solubility in water**

Remarks Completely miscible

**Solubility(ies)**

Remarks not determined

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**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.

**10.5. Incompatible materials**

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



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**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity****active2GO**

ATE	8.577,16	mg/kg
	88	

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

**Acute oral toxicity (Components)****Propan-2-ol**

Species	rat	
LD50	= 5280	mg/kg
Method	OECD 401	
Source	Manufacturer's data	

**2-(2-Butoxyethoxy)ethanol**

Species	rat	
LD50	> 2000	mg/kg
Source	Literature value	

**Acute dermal toxicity (Components)****Propan-2-ol**

Species	rabbit	
LD50	> 13900	mg/kg
Method	OECD 402	
Source	Manufacturer's data	

**2-(2-Butoxyethoxy)ethanol**

Species	rabbit	
LD50	> 2000	mg/kg
Source	Literature value	

**Acute inhalative toxicity (Components)****Propan-2-ol**

Species	rat	
LC50	> 25	mg/l
Duration of exposure	= 6 h	
Method	OECD 403	
Source	Manufacturer's data	

**Skin corrosion/irritation**

evaluation irritant

**Serious eye damage/irritation**

evaluation irritant - risk of serious damage to eyes

**Sensitization**

evaluation non-sensitizing

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks not determined

**Reproductive toxicity**

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Remarks not determined

**Carcinogenicity**

Remarks not determined

**Specific Target Organ Toxicity (STOT)**

Remarks not determined

**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)****Propan-2-ol**

Species	golden orfe ( <i>Leuciscus idus</i> )	
LC50	8970	to 9280 mg/l
Duration of exposure	48	h
Source	IUCLID	

**2-(2-Butoxyethoxy)ethanol**

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

**Daphnia toxicity (Components)****Propan-2-ol**

Species	Daphnia magna	
EC50	9714	mg/l
Duration of exposure	24	h
Source	IUCLID	

**2-(2-Butoxyethoxy)ethanol**

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

**Algae toxicity (Components)****Propan-2-ol**

Species	Scenedesmus quadricauda	
LOEC	1800	mg/l
Duration of exposure	7	d
Source	IUCLID	

**2-(2-Butoxyethoxy)ethanol**

EC50	> 100	mg/l
Source	Literature value	

**Bacteria toxicity (Components)****Propan-2-ol**

Species	Pseudomonas putida	
LOEC	1050	mg/l
Duration of exposure	16	h
Source	IUCLID	

**12.2. Persistence and degradability**

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**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 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****14.1. UN number**

UN 2924

**14.2. UN proper shipping name**

FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Propan-2-ol, 2-Aminoethanol)

**14.3. Transport hazard class(es)**

Class 3

Label 3 8

**14.4. Packing group**

Packing group III

Limited Quantity 5 I

Transport category 3

Tunnel restriction code D/E

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**Marine transport IMDG/GGVSee****14.1. UN number**

UN 2924

**14.2. UN proper shipping name**

FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Propan-2-ol, 2-Aminoethanol)

**14.3. Transport hazard class(es)**

Class 3

Subsidiary risk 8

**14.4. Packing group**

Packing group III

**Air transport ICAO/IATA****14.1. UN number**

UN 2924

**14.2. UN proper shipping name**

FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Propan-2-ol, 2-Aminoethanol)

**14.3. Transport hazard class(es)**

Class 3

Subsidiary risk 8

**14.4. Packing group**

Packing group III

**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 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 %:**

anionic surfactants

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

non-ionic surfactants

**Water Hazard Class (Germany)**Water Hazard Class WGK 2  
(Germany)**VOC**

VOC (CH) = 16 %

VOC (EU) = 16 %

**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**

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H225	Highly flammable liquid and vapour.
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.
H336	May cause drowsiness or dizziness.
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
Flam. Liq. 2	Flammable liquid, Category 2
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

**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  
 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.

