

Trade name: active2GO

Substance number: SUB441020071900

Version: 6 / EU

Date revised: 08.04.2019

the date of issue: 20.06.16

Replaces Version: 5 / EU

Print date: 07.01.2022

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.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)

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.

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2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



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 [or 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 ...%

Supplemental information

For industrial application only.

2.3. Other hazards

Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

active2GO

Hazardous ingredients

Alkylethersulfate, Sodium salt

CAS No.	68891-38-3				
EINECS no.	500-234-8				
Registration no.	01-2119488639-16				
Concentration	>= 10	<	25	%	
Classification	Xi, R38				

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Xi, R41

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	>= 10 %
Eye Irrit. 2	H319	>= 5 < 10 %

propan-2-ol

CAS No.	67-63-0
EINECS no.	200-661-7
Registration no.	01-2119457558-25-XXXX
Concentration	>= 10 < 20 %
Classification	Xi, R36 F, R11 R67

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	>= 1 < 10 %
Classification	Xi, R36

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	>= 2 < 3 %
Classification	Xn, R22 C, R35

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

Acute Tox. 4	H302
Skin Corr. 1A	H314

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

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

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Alkylpolyglucoside

CAS No. 161074-93-7

EINECS no. N.D.

Concentration \geq 1 < 3 %

Classification Xi, R41

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

Eye Dam. 1 H318

phosphonic acid

CAS No. 13598-36-2

EINECS no. 237-066-7

Concentration \geq 1 < 1,7 %

Classification Xn, R22

C, R35

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.

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 Oculist.

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**

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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**

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.

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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 ³

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

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	oral	
Mode of action	Systemic effects	
Concentration	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	
Type	Saltwater	
Concentration	0,024	mg/l
Method	Assessment factors	

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

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

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

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

Respiratory protection

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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 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 ₂ 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 ³

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Temperature = 20 °C

Solubility in water

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

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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 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	

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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

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	
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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**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	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	2924	2924	2924
14.2. UN proper shipping name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (propan-2-ol, 2-aminoethanol)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (propan-2-ol, 2-aminoethanol)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (propan-2-ol, 2-aminoethanol)
14.3. Transport hazard class(es)	3	3	3
Subsidiary risk	8	8	8
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		

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

not determined

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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 (Germany)	WGK 2
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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

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 Air Transport Association
 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.

