

Trade name: power2GO

Substance number: SUB302022510000

Version: 1 / EU

Date revised: 09.09.2021

the date of issue: 07.09.21

Replaces Version: - / EU

Print date: 07.01.2022

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

1.1. Product identifier

power2GO

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

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

Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

power2GO

Hazardous ingredients

2,2',2''-Nitrilotriethanol

CAS No.	102-71-6				
EINECS no.	203-049-8				
Concentration	>=	1	<	10	%
Classification	Xi, R36				

Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2	H319
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Further ingredients

ethanol

CAS No.	64-17-5				
EINECS no.	200-578-6				
Registration no.	01-2119457610-43-XXXX				
Concentration	>=	10	<	25	%

Advice: [3]

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

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Flam. Liq. 2

H225

Note

[3] Substance with occupational exposure limits

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****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 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		yellow	
Odour		Product specific	
pH value			
Value	=	11	
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	>	25,5	°C
Evaporation rate			
Remarks		not determined	
Evaporation rate (ether = 1) :			
Remarks		not determined	
Vapour pressure			
Remarks		not determined	
Vapour density			
Remarks		not determined	

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Density

Value	appr. 1,11		g/cm ³
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**

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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 toxicological effects****Acute oral toxicity (Components)****ethanol**

Species	rat		
LD50	>	2000	mg/kg
Method	OECD 401		

Acute dermal toxicity (Components)**ethanol**

Species	rabbit		
LD50	>	2000	mg/kg
Method	OECD 402		

Acute inhalative toxicity (Components)**ethanol**

Species	rat		
LC50	>	20	mg/l
Duration of exposure	=	4	h
Administration/Form	Vapors		

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

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)****ethanol**

Species	Fathead minnow (<i>Pimephales promelas</i>)	
LC50	= 15300	mg/l
Duration of exposure	= 96	h
Method	US-EPA	

Daphnia toxicity (Components)**ethanol**

Species	Ceriodaphnia spec	
EC50	> 10000	mg/l
Duration of exposure	= 48	h
Source	Manufacturer's data	

ethanol

Species	Daphnia magna	
EC50	> 10000	mg/l
Duration of exposure	= 48	h

Algae toxicity (Components)**ethanol**

Species	Chlorella vulgaris	
EC10	= 11,5	mg/l
Duration of exposure	= 3	d
Method	OECD TG 201	

ethanol

Species	Chlorella vulgaris	
EC50	= 275	mg/l
Duration of exposure	= 3	d
Method	OECD TG 201	

Bacteria toxicity (Components)**ethanol**

	= 5800	mg/l
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Duration of exposure = 4 h

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.

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
Tunnel restriction code	D/E		
14.1. UN number	1987	1987	1987
14.2. UN proper shipping name	ALCOHOLS, N.O.S. (ethanol)	ALCOHOLS, N.O.S. (ethanol)	ALCOHOLS, N.O.S. (ethanol)
14.3. Transport hazard class(es)	3	3	3
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

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 %:

soap

less than 5 %:

phosphonates

VOC

VOC (CH) = 15 %

VOC (EU) = 15 %

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

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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

H319 Causes serious eye irritation.

CLP categories listed in Chapter 3

Eye Irrit. 2 Eye 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

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.

