



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Aeroclean IC 230

Revision date: 05.05.2017

Product code: 396

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

1.1. Product identifier

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

Use of the substance/mixture

Aircraft interior cleaner

1.3. Details of the supplier of the safety data sheet

Company name:	Veboschmidt GmbH	
Street:	Friedrich-Wilhelm-Str. 82a	
Place:	D-32423 Minden	
Telephone:	+49 (0)571 - 38642 - 80	Telefax: +49 (0)571 - 38642 - 82
e-mail:	support@veboschmidt.eu	
Contact person:	Lars Schmidt	Telephone: +49 (0)571 - 38642 - 80
Internet:	http://www.veboschmidt.eu	
Responsible Department:	Sicherheit	

1.4. Emergency telephone number:

+49 (0)173 - 25 32 215

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see ... on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients



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3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether			< 5 %
	203-905-0	603-014-00-0		
	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2, Skin Irrit. 2; H332 H312 H302 H319 H315			
6834-92-0	disodium metasilicate			< 3 %
	229-912-9	014-010-00-8		
	Skin Corr. 1B, STOT SE 3; H314 H335			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts 27%			< 3 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
68427-32-7	decyl dihydrogen phosphate, potassium salt			< 3 %
	270-390-7			
	Eye Dam. 1; H318			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off immediately all contaminated clothing Do not induce vomiting.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Let water be swallowed in little sips (dilution effect). Do not induce vomiting. Immediately get medical attention.

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

No risks worthy of mention.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area.

5.2. Special hazards arising from the substance or mixture

In case of fire may form:
Gas / vapours, irritant.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep only in the original container.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container.

Advice on storage compatibility

Keep away from food, drink and animal feeding stuffs.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	2-Butoxyethanol	butoxyacetic acid (creatinine)	240 mmol/mol	urine	Post shift

8.2. Exposure controls

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.

Eye/face protection

Tightly sealed safety glasses. (bottling and transfer.)

Hand protection

Hand protection: not required.

Skin protection

Body protection: not required.

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Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid	
Colour:	blue	
Odour:	fruity	
pH-Value (at 20 °C):		10,8

Changes in the physical state

Melting point:	- 80 °C
Flash point:	> 100 °C

Explosive properties

not Explosive.

Lower explosion limits:

Upper explosion limits:

Oxidizing properties

not oxidizing.

Density (at 20 °C):	1,01 g/cm ³
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9.2. Other information

Solid content:	1,00 %
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SECTION 10: Stability and reactivity**10.1. Reactivity**

No risks worthy of mention.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.5. Incompatible materials

No risks worthy of mention.

10.6. Hazardous decomposition products

No risks worthy of mention.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

Toxicological data are not available.

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Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether				
	oral	LD50 mg/kg	470	@N11.P0000002	
	dermal	ATE mg/kg	1100		
	inhalation vapour	ATE	11 mg/l		
	inhalation aerosol	ATE	1,5 mg/l		
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts 27%				
	oral	LD50 mg/kg	> 2000	rat	
	dermal	LD50 mg/kg	> 2000	rat	

Sensitising effects

No risks worthy of mention.

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether					
	Acute fish toxicity	LC50 mg/l	1490	96 h	Lepomis macrochirus	
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts 27%					
	Acute fish toxicity	LC50 mg/l	> 1-10	96 h	Brachydanio rerio	
	Acute algae toxicity	ErC50 mg/l	10 - 100	72 h	Desmodesmus subspicatus	
	Acute crustacea toxicity	EC50 mg/l	> 1-10	48 h	Daphnia magna	

12.2. Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	0,81 (25°C)

12.4. Mobility in soil

No data available

12.6. Other adverse effects

Not expecting.

SECTION 13: Disposal considerations



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13.1. Waste treatment methods

Advice on disposal

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

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SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Further Information

The processing and application notes are on the technical leaflets to the products. The details are based on today's stand of our knowledge, they don't represent any assurance of product qualities, however, and don't justify any contractual facts of the case.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)