

Trade name: bellaVIT

Substance number: SUB302020030000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 11.04.07

Replaces Version: 2 / EU

Print date: 22.12.15

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

1.1. Product identifier

bellaVIT

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

Use of the substance/preparation

Viscous cleanser with high scrubbing power. 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 for this SDS regulatoryaffairs@hagleitner.at

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 for this SDS regulatoryaffairs@hagleitner.at

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)
Eye Dam. 1 H318
Aquatic Chronic 3 H412

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 ***

H318 Causes serious eye damage.
 H412 Harmful to aquatic life with long lasting effects.
 EUH208 Contains Orange oil, sweet, A mixture of: 5-Chloro-2-methyl-2h-isothiazol-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.

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 Isotridecanoethoxyate;Alkylethersulfate, Sodium salt;Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts;N,N-bis(hydroxyethyl)amid

For industrial application only.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients (Regulation (EC) No. 1272/2008) *******Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

CAS No. 68411-30-3
 EINECS no. 270-115-0
 Registration no. 01-2119489428-22-0010
 Concentration >= 3 < 5,8 %

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

Eye Dam. 1	H318
Acute Tox. 4	H302
Skin Irrit. 2	H315
Aquatic Chronic 3	H412

Isotridecanoethoxyate

CAS No. POLYMER
 EINECS no. N.A.
 Registration no. 02-2119552461-55-0000
 Concentration >= 1 < 3 %

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

Eye Dam. 1	H318
Acute Tox. 4	H302

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

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Eye Dam. 1	H318	>= 10 %
	H319	< 10 %

N,N-bis(hydroxyethyl)amid

EINECS no. 931-329-6

Registration no. 01-2119490100-53-XXXX

Concentration >= 1 < 2,5 %

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

Eye Dam. 1	H318
Aquatic Chronic 2	H411
Skin Irrit. 2	H315

Alkylethersulfate, Sodium salt

CAS No. 68891-38-3

EINECS no. 500-234-8

Registration no. 01-2119488639-16

Concentration >= 1 < 1,6 %

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 %

Orange oil, sweet

CAS No. 8028-48-6

EINECS no. 232-433-8

Concentration >= 0,25 < 1 %

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

Flam. Liq. 3	H226
Skin Irrit. 2	H315
Skin Sens. 1	H317
Asp. Tox. 1	H304
Aquatic Chronic 1	H410

A mixture of: 5-Chloro-2-methyl-2h-isothiazol-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

Registration no. 01-2119488221-41

Concentration < 0,0015 %

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

Acute Tox. 3	H331
Aquatic Chronic 1	H410
Aquatic Acute 1	H400
Skin Sens. 1	H317
Skin Corr. 1B	H314
Acute Tox. 3	H311
Acute Tox. 3	H301

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

Skin Irrit. 2	H315	>= 0,06 < 0,6
Eye Irrit. 2	H319	>= 0,06 < 0,6

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Skin Corr. 1B H314 >= 0,6
Skin Sens. 1 H317 >= 0,0015

Ingredients (Regulation (EC) No 648/2004)

5 % or over but less than 15 %:

anionic surfactants

less than 5 %:

non-ionic surfactants

constituent:

preservation agents:

METHYLCHLOROISOTHIAZOLINONE

METHYLISOTHIAZOLINONE

further ingredients:

perfumes

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.

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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 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**

There is not known any national exposure limit.

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

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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
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/m³

Type of value Alkylethersulfate, Sodium salt
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
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/m³

Type of value Alkylethersulfate, Sodium salt
Derived No Effect Level (DNEL)
Reference group Consumer
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
PNEC
Type Saltwater
Concentration 0,024 mg/l
Method Assessment factors

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

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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.

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		

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, slightly viscous		
Colour	milky white		
Odour	Product specific		
pH value			
Value	6,5	to	7,5
Concentration/H ₂ O	100	%	
Temperature	20	°C	
Remarks	neutral		
Freezing point			
Value	appr. -4	to	4 °C
Sublimation point			

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Remarks not determined

Initial boiling point and boiling range

Value appr. 100 °C

Flash point

Value > 100 °C

Evaporation rate

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

DensityValue 1,040 g/cm³

Temperature 20 °C

Solubility in water

Remarks partly soluble

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**dynamic**

Value 3500 to 5000 mPa.s

Temperature 20 °C

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

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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.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**ATE 6.808,27 mg/kg
89

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

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

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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**

Reference substance	Alkylethersulfate, Sodium salt		
CAS No.	68891-38-3		
LC50	> 1		mg/l
Duration of exposure	96	h	

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.		
CAS No.	85536-14-7		
Species	zebra fish (Brachydanio rerio)		
EC50	1	to 10	
Duration of exposure	48	h	

Daphnia toxicity ***

Reference substance	Amides, coco, N,N-bis(hydroxyethyl)		
CAS No.	68603-42-9		
Species	Daphnia magna		
EC50	5,4		mg/l
Duration of exposure	24	h	
Method	DIN 38 412		
Source	IUCLID		

Reference substance	Isotridecanoethoxylate		
CAS No.	POLYMER		
Species	Daphnia magna		
EC50	1	to 10	mg/l
Duration of exposure	48	h	
Method	OECD TG 202		
Source	BASF		

Reference substance	Sodium chloride		
CAS No.	7647-14-5		
Species	Daphnia magna		
EC50	5600		mg/l
Duration of exposure	48	h	
Method	EPA-FIFRA		
Source	EPA ECOTOX Database		

Reference substance	Alkylethersulfate, Sodium salt		
CAS No.	68891-38-3		
Species	Daphnia magna		
EC50	3	to 21	mg/l
Duration of exposure	48	h	
Method	OECD 202 / ISO 6341 / EEC84/449/V C2		

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Source	Nilfisk
Reference substance	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts
CAS No.	68411-30-3
Species	Daphnia magna
EC50	1 to 10 mg/l
Duration of exposure	48 h
Method	OECD TG 202
Source	Paris 1981

Reference substance	Calcium carbonate (Limestone, Marble)
CAS No.	1317-65-3
Species	Daphnia magna
EC50	> 5000 mg/l
Remarks	Slightly water-soluble inorganic product. It can be removed to a large extent in a chemical purification plant.
Source	Literature value

Algae toxicity

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
CAS No.	85536-14-7
EC50	10 to 100 mg/l
Duration of exposure	72 h

Reference substance	Amides, coco, N,N-bis(hydroxyethyl)
CAS No.	68603-42-9
Species	Scenedesmus subspicatus
EC10	1,7 mg/l
Duration of exposure	96 h
Source	IUCLID

Bacteria toxicity

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
CAS No.	85536-14-7
Species	activated sludge
EC10	> 10 mg/l
Duration of exposure	16 h

Reference substance	Amides, coco, N,N-bis(hydroxyethyl)
CAS No.	68603-42-9
Species	Pseudomonas putida
EC50	= 6000 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

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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**

Non-dangerous goods

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class -

14.4. Packing group

Packing group -

14.5. Environmental hazards

-

Marine transport IMDG/GGVSee

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

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class -

14.4. Packing group

Packing group -

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14.5. Environmental hazards

-

Air transport ICAO/IATA

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

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class

-

14.4. Packing group

Packing group

-

14.5. Environmental hazards

-

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 MARPOL73/78 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 %:**

anionic surfactants

less than 5 %:

non-ionic surfactants

Further ingredients

perfumes, A mixture of: 5-Chloro-2-methyl-2h-isothiazol-3-one [EC-no. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC-no. 220-239-6] (3:1)

Water Hazard Class (Germany)

Water Hazard Class

WGK 2

(Germany)

Remarks

Classification according to Annex 4 VwVwS

VOC

VOC (CH)

= 0 %

VOC (EU)

= 0 %

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

H226

Flammable liquid and vapour.

H301

Toxic if swallowed.

H302

Harmful if swallowed.

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H304	May be fatal if swallowed and enters airways.
H311	Toxic 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.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	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. 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 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Flam. Liq. 3	Flammable liquid, Category 3
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

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.

