

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Wetrok Calexan**

Revision date: 31.10.2017

Product code: 42

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Wetrok Calexan

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

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

**1.3. Details of the supplier of the safety data sheet**

Company name: Wetrok AG  
Headquarter  
Street: Steinackerstr. 62  
Place: CH-8302 Kloten, Switzerland  
Telephone: +41 (0)43 255 51 51  
e-mail: chemie@wetrok.ch  
Contact person: Head Regulatory Telephone: +41 (0)43 255 53 50  
Internet: www.wetrok.ch  
Responsible Department: BU Chemicals / Regulatory  
Mobile + 41 (0)79 657 45 20

**1.4. Emergency telephone number:**

+41 44 251 51 51 (Tel. 145) (Toxikologisches Zentrum)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:  
Substance or mixture corrosive to metals: Met. Corr. 1  
Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Dam. 1  
Hazard Statements:  
May be corrosive to metals.  
Causes serious eye damage.  
Causes skin irritation.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

sulfamic acid, sulphamic acid, sulphamidic acid

**Signal word:** Danger**Pictograms:****Hazard statements**

H290 May be corrosive to metals.  
H318 Causes serious eye damage.  
H315 Causes skin irritation.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

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P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
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/doctor.

#### 2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

### SECTION 3: Composition/information on ingredients

#### 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]	
5329-14-6	sulfamic acid, sulphamic acid, sulphamidic acid	10 - < 15 %
	226-218-8	016-026-00-0
	Eye Irrit. 2, Skin Irrit. 2, Aquatic Chronic 3; H319 H315 H412	
37251-67-5	Fatty alcohol EO/PO	1 - < 5 %
	Eye Dam. 1; H318	
79-14-1	Glycolsäure	0.1 - < 1 %
	201-180-5	
	Acute Tox. 4, Skin Corr. 1B; H332 H314	

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

#### Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, perfumes.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In all cases of doubt, or when symptoms persist, seek medical advice.

##### After inhalation

Provide fresh air.

##### After contact with skin

After contact with skin, wash immediately with plenty of water. Change contaminated clothing.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Call a physician immediately.

##### After ingestion

Rinse mouth immediately and drink plenty of water. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

No known symptoms to date. In all cases of doubt, or when symptoms persist, seek medical advice.

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

Treat symptomatically. May produce an allergic reaction. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

##### 5.2. Special hazards arising from the substance or mixture

Non-flammable.

##### 5.3. Advice for firefighters

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

##### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

##### 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). Treat the recovered material as prescribed in the section on waste disposal.

##### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advice on safe handling

Avoid contact with skin and eyes. Observe instructions for use. Use only in well-ventilated areas.

###### Advice on protection against fire and explosion

The product is not: Combustible.

The product is not: Explosive.

###### Further information on handling

No special handling instructions are necessary.

##### 7.2. Conditions for safe storage, including any incompatibilities

###### Requirements for storage rooms and vessels

Keep container tightly closed. Protect against direct sunlight. Store in a cool dry place. Recommended storage temperature: at room temperature

###### Advice on storage compatibility

Keep away from: Base. Alkalis (alkalis).

###### Further information on storage conditions

Minimum storage temperature: 15°C

Maximum storage temperature: 25°C

##### 7.3. Specific end use(s)

Notice the directions for use on the label.

#### SECTION 8: Exposure controls/personal protection

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#### 8.1. Control parameters

##### Additional advice on limit values

Exposure limit values: No data available

#### 8.2. Exposure controls



##### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

##### Eye/face protection

Wear eye protection/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material 0.4 mm

Breakthrough time (maximum wearing time) 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Tested protective gloves must be worn DIN EN 374

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	orange
Odour:	characteristic

pH-Value:	0.5 - 1.5	<b>Test method</b>
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##### Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	No data available
Flash point:	No data available

##### Flammability

Solid:	not applicable
Gas:	not applicable

##### Explosive properties

not applicable

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined

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#### Auto-ignition temperature

Solid: not applicable  
 Gas: not applicable

Decomposition temperature: not determined

#### Oxidizing properties

Not oxidising.

Vapour pressure: not determined

Vapour pressure: not determined

Density: 1.065 - 1.075 g/cm<sup>3</sup> ASTM D 7777

Bulk density: not applicable

Water solubility: completely miscible

#### Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

#### 9.2. Other information

Solid content: not determined

none

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Possibility of hazardous reactions. No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3. Possibility of hazardous reactions

Exothermic reaction with: Base, Peroxides, Oxidising agent.

#### 10.4. Conditions to avoid

Conditions to avoid: frost. Protect from sunlight.

#### 10.5. Incompatible materials

Keep away from: Base, Oxidising agent, Peroxides. May be corrosive to metals.

#### 10.6. Hazardous decomposition products

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

Based on available data, the classification criteria are not met.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
5329-14-6	sulfamic acid, sulphamic acid, sulphamidic acid				
	oral	LD50 mg/kg	3160	Rat	
79-14-1	Glycolsäure				
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1.5 mg/l		

#### Irritation and corrosivity

Causes serious eye damage.  
Causes skin irritation.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Additional information on tests

Classification according to Regulation (EC) No 1272/2008 [CLP] Calculation method. The product has not been tested.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
5329-14-6	sulfamic acid, sulphamic acid, sulphamidic acid					
	Acute fish toxicity	LC50 mg/l	70,3	96 h Pimephales promelas		

### 12.2. Persistence and degradability

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
37251-67-5	Fatty alcohol EO/PO			
	OECD 301F	61%	28	

### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

### 12.4. Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater.

### 12.5. Results of PBT and vPvB assessment

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The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### **12.6. Other adverse effects**

No information available.

#### **Further information**

Avoid release to the environment.

Classification according to Regulation (EC) No 1272/2008 [CLP] Calculation method. The product has not been tested.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### **Waste disposal number of waste from residues/unused products**

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

##### **Waste disposal number of contaminated packaging**

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

##### **Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

<b>14.1. UN number:</b>	UN3264
<b>14.2. UN proper shipping name:</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulfamic acid, sulphamic acid, sulphamidic acid)
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III
Hazard label:	8



Classification code:	C1
Special Provisions:	274
Limited quantity:	5 L
Transport category:	3
Hazard No:	80
Tunnel restriction code:	E

#### **Other applicable information (land transport)**

E1

#### **Marine transport (IMDG)**

<b>14.1. UN number:</b>	UN3264
<b>14.2. UN proper shipping name:</b>	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulfamic acid, sulphamic acid, sulphamidic acid)
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III

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Hazard label:

8



Special Provisions:

223, 274

Limited quantity:

5 L

EmS:

F-A, S-B

**Other applicable information (marine transport)**

E1

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

Warning: strongly corrosive.

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

not applicable

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulatory information**
**Additional information**

To follow: Regulation (EC) No. 648/2004 (Detergents regulation), 850/2004/EC, 1107/2009/EC, 649/2012/EC.

**National regulatory information**

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

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

**Changes**

This data sheet contains changes from the previous version in section(s): 1,3,15.

**Abbreviations and acronyms**

 ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Relevant H and EUH statements (number and full text)**

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.



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#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

#### Identified uses

No	Short title	SU main	SU	PC	PROC	ERC	AC	Specification
1	Allzweckreiniger/ Unterhaltsreiniger/Grundre iniger	22	0	35	0	10b	30	2

SU main: Main user groups

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

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