

## Fassadenreiniger

Version 2.3

Revision Date 20.03.2017

Print Date 26.10.2017

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

#### 1.1 Product identifier

Trade name : Fassadenreiniger

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

Use of the Sub-  
stance/Mixture : Mildew cleaner according to product information.

Recommended restrictions : within adequate application - none  
on use

#### 1.3 Details of the supplier of the safety data sheet

Company : Alligator Farbwerke GmbH  
Markstraße 203  
32130 Enger  
Telephone : +4952249300  
Telefax : +4952247881  
E-mail address Respon-  
sible/issuing person : produktsicherheit@alligator.de

#### 1.4 Emergency telephone number

Emergency telephone num-  
ber 1 : +495224930400  
( Mon - Fri 08:00 - 16:00 )

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Skin Irrit. 2 H315: Causes skin irritation.

Eye Irrit. 2 H319: Causes serious eye irritation.

Aquatic Chronic 3 H412: Harmful to aquatic life with long lasting ef-  
fects.

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### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

#### Prevention:

P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and 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.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Restricted to professional users.

Use P2 dust filter for grinding.

Apply by brush or paint roller only.

Use biocides safely. Always read the label and product information before use.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Mixture based on alkyl dimethyl benzyl ammonium chloride, aqueous

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	68424-85-1 270-325-2	Met. Corr. 1; H290 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Acute Tox. 4; H302 M-Factor (Acute): 10 M-Factor (Chronic): 1	>= 1 - < 2,5

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : No information available.
- In case of skin contact : Take off all contaminated clothing immediately.  
Wash skin thoroughly with soap and water or use recognized skin cleanser.  
Do NOT use solvents or thinners.
- In case of eye contact : Remove contact lenses.  
Immediately flush eyes for at least 15 minutes. Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.  
If accidentally swallowed obtain immediate medical attention.  
Clean mouth with water and drink afterwards plenty of water.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : No information available.
- Risks : No information available.

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

- Treatment : No information available.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Specific hazards during fire-fighting : Cool closed containers exposed to fire with water spray. In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.

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### SECTION 6: Accidental release measures

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

Personal precautions : Refer to protective measures listed in sections 7 and 8. Treat recovered material as described in the section "Disposal considerations".

#### 6.2 Environmental precautions

Environmental precautions : Do not let product enter drains. If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Biofiltration  
Suitable cleaning agents  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For disposal considerations see section 13.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms. not required under normal use

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

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Hygiene measures : Ensure adequate ventilation, especially in confined areas. Avoid contact with the skin and the eyes. Wash hands before eating, drinking, or smoking.

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

Requirements for storage areas and containers : Store at room temperature in the original container. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To maintain product quality, do not store in heat or direct sunlight. Observe label precautions.

Advice on common storage : Keep away from oxidizing agents and strongly acid or alkaline materials.

Storage class (TRGS 510) : 12, Non Combustible Liquids

### 7.3 Specific end use(s)

Specific use(s) : Please follow the technical information of the manufacturer.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Tightly fitting safety goggles  
German trade association rules - BGR 192 Eye protection

#### Hand protection

Material : Nitrile rubber  
Glove thickness : 0,2 mm  
Protective index : Class 3  
Remarks : Before removing gloves clean them with soap and water.  
Wear suitable gloves tested to EN374.

Skin and body protection : impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : German trade association rules - BGR 190 Breathing protection

Protective measures : No special protective equipment required.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : No data available

Odour : not determined

Odour Threshold : Not relevant

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pH	:	8,2
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	100 °C
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Does not sustain combustion.
Upper explosion limit	:	not determined
Lower explosion limit	:	not determined
Vapour pressure	:	not determined
Relative vapour density	:	not determined
Relative density	:	not determined
Density	:	1,0100 g/cm <sup>3</sup>
Solubility(ies)		
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	not determined
Auto-ignition temperature	:	not determined
Decomposition temperature	:	Not applicable
Flow time	:	12,0 s Cross section: 4 mm Method: DIN 53211
Explosive properties	:	Not applicable
Oxidizing properties	:	Not applicable

### 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if used as directed.

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### 10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.  
Incompatible with acids and bases.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**Product:**

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

#### Skin corrosion/irritation

**Product:**

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

#### Serious eye damage/eye irritation

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

#### Respiratory or skin sensitisation

**Product:**

Remarks: No data available

#### Further information

**Product:**

Remarks: No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Product:**

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

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### Components:

#### **Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides:**

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

### **12.2 Persistence and degradability**

#### Product:

Biodegradability : No data available

### **12.3 Bioaccumulative potential**

#### Product:

Bioaccumulation : No data available

### **12.4 Mobility in soil**

#### Product:

Mobility : No data available

### **12.5 Results of PBT and vPvB assessment**

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### **12.6 Other adverse effects**

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Product : Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.

Contaminated packaging : Only completely emptied containers should be given for recycling.



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Waste Code : used product  
080111, waste paint and varnish containing organic solvents  
or other dangerous substances

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### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Remarks : see sections 6-8

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

Remarks : Not applicable

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### SECTION 15: Regulatory information

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable

Water contaminating class : 1 slightly water endangering  
(Germany) Classification according VwVwS, Annex 4.

Product code for laquers and : GD30 Disinfectant cleaner, based on quaternary ammonium  
paints / Giscode compounds, irritant

Volatile organic compounds : Directive 2004/42/EC  
0 %

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

#### 15.3 Labeling according to Regulation (EU) 528/2012

BAuA-Number : N-71149

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### SECTION 16: Other information

#### Full text of H-Statements

H290	:	May be corrosive to metals.
H302	:	Harmful if swallowed.
H314	:	Causes severe skin burns and eye damage.
H318	:	Causes serious eye damage.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Acute aquatic toxicity
Aquatic Chronic	:	Chronic aquatic toxicity
Eye Dam.	:	Serious eye damage
Met. Corr.	:	Corrosive to metals
Skin Corr.	:	Skin corrosion

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### REACH Information

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

DE / EN