

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)

**Trade name :** Clinker and facade cleaner - Concentrate  
(Klinker & Fassaden Reiniger - Konzentrat)

**Revision date :** 14.09.2023

**Print date :** 14.09.2023

**Version (Revision) :** 2.0.0 (1.0.0)

**Article number :** 0305\_\_074

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

#### 1.1 Product identifier

Clinker and facade cleaner - Concentrate  
(Klinker & Fassaden Reiniger - Konzentrat) (0305\_\_074)  
Unique Formula Identifier : FDWT-QV6X-ET25-59V1

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

##### Relevant identified uses

##### Sectors of use [SU]

SU21 - Consumer uses: Private households (= general public = consumers)  
SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

##### Products Category [PC]

PC 35 - Washing and cleaning products

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

##### Supplier

Glutolin Renovierungsprodukte GmbH // WEPOS Chemie GmbH // decotric Schweiz AG

**Street :** Im Schedetal 1 // Textilstr. 2 // Lettenstr. 7/PF

**Postal code/City :** 34346 Hann. Münden // 41751 Viersen // CH-6343 Rotkreuz

**Telephone :** +49 (0)5541 7003-03 // +49 (0)2162 266269-0 // +41 (0) 7922525

**Telefax :** +49 (0)5541 7003-50 // +49 (0)2162 266269-8 // +41 (0) 7980500

**Information contact :** [sds@glutolin.de](mailto:sds@glutolin.de) // [service@wepos-chemie.de](mailto:service@wepos-chemie.de)

**Homepage:** [www.glutolin.de](http://www.glutolin.de) // [www.wepos-chemie.de](http://www.wepos-chemie.de)

#### 1.4 Emergency telephone number

+49 (0)5541 7003-41/-64  
Only available during office hours (Mo-Th 8 - 16 h, Fr 8 - 12.30 h).

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

Met. Corr. 1 ; H290 - Corrosive to metals : Category 1 ; May be corrosive to metals.  
Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.  
Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard pictograms



Corrosion (GHS05)

##### Signal word

Danger

##### Hazard components for labelling

PHOSPHORIC ACID ; CAS No. : 7664-38-2  
HYDROGEN CHLORIDE > 5 - < 10 % ; CAS No. : 7647-01-0

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### Hazard statements

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P260 Do not breathe vapours/spray.  
P280 Wear protective gloves/eye protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P310 Immediately call a POISON CENTER/doctor.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national regulations of waste disposal.

### 2.3 Other hazards

This mixture does not knowingly contain SVHC substances >0.1% (<https://echa.europa.eu/de/candidate-list-table>).

#### Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Description

Mixture of the substances listed below with harmless additions.

#### Hazardous ingredients

PHOSPHORIC ACID ; REACH No. : 01-2119485924-24 ; EC No. : 231-633-2; CAS No. : 7664-38-2

Weight fraction :  $\geq 15 - < 20$  %  
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Corr. 1B ; H314: C  $\geq 25$  % • Eye Irrit. 2 ; H319: C  $\geq 10$  % • Skin Irrit. 2 ; H315: C  $\geq 10$  %

HYDROGEN CHLORIDE > 5 - < 10% ; REACH No. : 01-2119484862-27-0000 ; EC No. : 231-595-7; CAS No. : 7647-01-0

Weight fraction :  $\geq 5 - < 10$  %  
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335 Eye Dam. 1 ; H318: C  $\geq 25$  % • Skin Corr. 1B ; H314: C  $\geq 25$  % • Skin Corr. 1C ; H314: C  $\geq 25$  % • Eye Irrit. 2 ; H319: C  $\geq 10$  % • Skin Irrit. 2 ; H315: C  $\geq 10$  % • STOT SE 3 ; H335: C  $\geq 10$  %

BUTYL CELLOSOLVE ; REACH No. : 01-2119475108-36-0000 ; EC No. : 203-905-0; CAS No. : 111-76-2

Weight fraction :  $\geq 2,1 - < 5$  %  
Classification 1272/2008 [CLP] : Acute Tox. 3 ; H331 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 Specific Conc. Limits : (ATE - oral : 1200 mg/kg) • (ATE - inhalative (vapour) : 3 mg/L)

ISOTRIDECYL-POLYGLYCOLETHER ; EC No. : 500-027-2; CAS No. : 9043-30-5

Weight fraction :  $\geq 1 - < 3$  %  
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

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### Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Follow the instructions for use on the label. When in doubt or if symptoms are observed, get medical advice. Change contaminated, saturated clothing.

#### Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### Following ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician in any case!

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

There are no more informations available on the mixture itself.

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

There are no more informations available on the mixture itself.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

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

#### Hazardous combustion products

No special measures are necessary.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

Do not inhale explosion and combustion gases. Use suitable breathing apparatus.

## SECTION 6: Accidental release measures

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

The usual precautionary measures for the handling of chemicals have to be observed.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment

Soak up inert absorbent and dispose as waste requiring special attention. Do not dry up the product.

### 6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

##### Protective measures

Normal precautions taken when handling chemicals should be observed. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs.

##### Measures to prevent fire

No special measures are necessary.

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

##### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

##### Further information on storage conditions

Do not store outside. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Please note safety instructions and directions for use on the drum.

**Do not store at temperatures below :** Avoid cooling to under 0°C.

#### 7.3 Specific end use(s)

##### Recommendation

Observe technical data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational exposure limit values

PHOSPHORIC ACID ; CAS No. : 7664-38-2

Limit value type (country of origin) : STEL ( EC )

Limit value : 2 mg/m<sup>3</sup>

Version : 08.06.2000

Limit value type (country of origin) : TWA ( EC )

Limit value : 1 mg/m<sup>3</sup>

Version : 08.06.2000

HYDROGEN CHLORIDE > 5 - < 10% ; CAS No. : 7647-01-0

Limit value type (country of origin) : STEL ( EC )

Limit value : 10 ppm / 15 mg/m<sup>3</sup>

Version : 20.06.2019

Limit value type (country of origin) : TWA ( EC )

Limit value : 5 ppm / 8 mg/m<sup>3</sup>

Version : 20.06.2019

BUTYL CELLOSOLVE ; CAS No. : 111-76-2

Limit value type (country of origin) : STEL ( EC )

Limit value : 50 ppm / 246 mg/m<sup>3</sup>

Remark : H

Version : 08.06.2000

Limit value type (country of origin) : TWA ( EC )

Limit value : 20 ppm / 98 mg/m<sup>3</sup>

Remark : H

Version : 08.06.2000

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### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

###### Suitable eye protection

goggles

##### Skin protection

###### Hand protection

**By long-term hand contact :** Gloves(tested for example according to EN374) made of the following materials used by hand contact with the product:

Butyl rubber

Thickness of the gloves: > 0.5 mm

Breakthrough time: >= 8h, wearing period: max: 8h

or

Polychloroprene

Thickness of the gloves:> 0.5 mm

Breakthrough time: 4 - 8 hours, wearing period: max: 4h

After washing hands replace lost skin fat by fat containing skin creams.

###### Body protection

Wearing of closed working clothes. Remove contaminated, saturated clothing.

##### Respiratory protection

###### Suitable respiratory protection apparatus

Usually no personal respiratory protection necessary.

##### General information

The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

##### Environmental exposure controls

See also section 6 and 12.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state :** Liquid

**Colour :** translucent red

#### Odour

characteristic

#### Safety characteristics

**Melting point/freezing point :** approx. 0 °C

**Initial boiling point and boiling range :** ( 1013 hPa ) approx. 100 °C

**Flash point :** not applicable Brookfield

**Auto-ignition temperature :** not applicable

**Lower explosion limit :** No data available

**Upper explosion limit :** No data available

**Explosion hazard :** not explosive

**Vapour pressure :** ( 50 °C ) approx. 123,5 hPa

**Density :** ( 20 °C ) approx. 1 g/cm<sup>3</sup>

**Solvent separation test :** ( 20 °C ) not determined

**Water solubility :** ( 20 °C ) soluble

**pH :** < 1

**Flow time :** ( 20 °C ) not determined DIN-cup 4 mm

**Cinematic viscosity :** ( 40 °C ) not relevant

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**VOC-value :** < 2 g/l

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

None, if handled according to order.

### 10.6 Hazardous decomposition products

None, if handled according to order.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

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

#### Acute oral toxicity

Parameter :	LD50 ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )
Exposure route :	Oral
Species :	Rat
Effective dose :	> 300 - 2000 mg/kg
Parameter :	ATE ( BUTYL CELLOSOLVE ; CAS No. : 111-76-2 )
Exposure route :	Oral
Effective dose :	1200 mg/kg
Parameter :	ATE ( BUTYL CELLOSOLVE ; CAS No. : 111-76-2 )
Exposure route :	Oral
Effective dose :	1200 mg/kg
Parameter :	ATE ( ISOTRIDECYL-POLYGLYCOLETHER ; CAS No. : 9043-30-5 )
Exposure route :	Oral
Effective dose :	1100 mg/kg

#### Acute dermal toxicity

Parameter :	LD50 ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg

#### Acute inhalation toxicity

Parameter :	LC50 ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )
Exposure route :	Inhalation (dust/mist)
Effective dose :	5,1 mg/l

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Parameter : LC50 ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 850 mg/l  
Exposure time : 2 hour(s)

Parameter : LC50 ( HYDROGEN CHLORIDE > 5 - < 10% ; CAS No. : 7647-01-0 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : 3124 ppm

Parameter : ATE ( BUTYL CELLOSOLVE ; CAS No. : 111-76-2 )  
Exposure route : Inhalation (vapour)  
Effective dose : 3 mg/l

Parameter : ATE ( BUTYL CELLOSOLVE ; CAS No. : 111-76-2 )  
Exposure route : Inhalation (vapour)  
Effective dose : 3 mg/l

### Specific effects (Longterm animal experiment)

No data available

### Corrosion

Causes severe skin burns and eye damage.

#### Skin corrosion/irritation

Parameter : Skin corrosion/irritation ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )  
Parameter : rabbit  
Result : Corrosive effect  
Method : OECD 404

#### Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )  
Parameter : rabbit  
Result : Corrosive effect

### Respiratory or skin sensitisation

No information available.

### Repeated dose toxicity (subacute, subchronic, chronic)

No data available

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

#### Carcinogenicity

Parameter : Carcinogenicity ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )  
Result : Negative.

No information available.

#### Germ cell mutagenicity

No information available.

#### Reproductive toxicity

No information available.

### STOT-single exposure

No information available.

### STOT-repeated exposure

No information available.

### Aspiration hazard

No information available.

## 11.2 Information on other hazards

### Endocrine disrupting properties

For possible endocrine disrupting effects in humans and possible symptoms, please refer to SECTION 2.3 of this safety data sheet.

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### Additional information

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

#### Aquatic toxicity

No information available.

##### Acute (short-term) toxicity to algae and cyanobacteria

Parameter :	EC50 ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )
Species :	Algae
Effective dose :	> 100 mg/l
Exposure time :	72 hour(s)

##### Chronic (long-term) toxicity to aquatic algae and cyanobacteria

Parameter :	NOEC ( PHOSPHORIC ACID ; CAS No. : 7664-38-2 )
Effective dose :	100 mg/l
Exposure time :	72 hour(s)

#### Sewage treatment plant

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

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

### 12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7 Other adverse effects

No information available.

### 12.8 Additional ecotoxicological information

#### Additional information

Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Directive 2008/98/EC (Waste Framework Directive)

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

#### After intended use

##### Waste codes/waste designations according to EWC/AVV

#### Waste code packaging :

15 01 02

#### Waste name packaging :

plastic packaging



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### SECTION 14: Transport information

#### 14.1 UN number or ID number

UN 3264

#### 14.2 UN proper shipping name

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

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. ( HYDROCHLORIC ACID )

##### Sea transport (IMDG)

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. ( HYDROCHLORIC ACID )

##### Air transport (ICAO-TI / IATA-DGR)

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. ( HYDROCHLORIC ACID )

#### 14.3 Transport hazard class(es)

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

**Class(es) :** 8  
**Classification code :** C1  
**Hazard identification number (Kemler No.) :** 80  
**Tunnel restriction code :** E  
**Special Provisions :** LQ 5 I · E 1  
**Hazard label(s) :** 8

##### Sea transport (IMDG)

**Class(es) :** 8  
**EmS-No. :** F-A / S-B  
**Special Provisions :** LQ 5 I · E 1 · IMDG-Code segregation group 1 - Acids  
**Hazard label(s) :** 8

##### Air transport (ICAO-TI / IATA-DGR)

**Class(es) :** 8  
**Special Provisions :** E 1  
**Hazard label(s) :** 8

#### 14.4 Packing group

**Land transport (ADR/RID) :** III  
**Sea transport (IMDG) :** II  
**Air transport (ICAO-TI / IATA-DGR) :** II

#### 14.5 Environmental hazards

**Land transport (ADR/RID) :** No  
**Sea transport (IMDG) :** No  
**Air transport (ICAO-TI / IATA-DGR) :** No

#### 14.6 Special precautions for user

None

#### 14.7 Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

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

##### EU legislation

##### Other regulations (EU)

**Directive 2004/42/EC on the limitation of emissions of volatile organic compounds**  
- out of scope

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

- This product is subject to the Detergents Regulation No. 648/2004.
- [www.glutoclean.de](http://www.glutoclean.de), [sds@glutolin.de](mailto:sds@glutolin.de)

### 15.2 Chemical Safety Assessment

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

### 15.3 Additional information

None

## SECTION 16: Other information

### 16.1 Indication of changes

- 02. Classification of the substance or mixture · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] ·
- 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling

### 16.2 Abbreviations and acronyms

REACH	Registration, evaluation, authorisation of chemicals
CLP	Classification, labelling and packaging
CAS	Chemical Abstracts Service
EINECS	European Inventory of Existing Chemical Substances
ELINCS	European List of Notified Chemical Substances.
ATE	Acute toxicity estimates
LD50	Lethal dose, 50 percent
LC50	Lethal concentration, 50 percent
ECxx	Effect concentration, xx percent
NOEC	No Observed Effect Concentration
PBT	Persistent, bioaccumulating and toxic
vPvB	very persistent and very bioaccumulative
STOT	Specific target organ toxicity
ADR	European agreement concerning the international carriage of dangerous goods by road
IMDG	International maritime dangerous goods code
IATA	International air transport association
IMO	International maritime organisation declaration

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

See SECTION 2.1 (classification).

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.

### 16.6 Training advice

None

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### 16.7 Additional information

None

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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.

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