

Safety Data Sheet

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

Trade name : Hochdruckreiniger Zusatz
Konzentrat
Revision date : 14.09.2023
Print date : 14.09.2023

Version : 1.0.0
Article number : 0382__205

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

1.1 Product identifier

Hochdruckreiniger Zusatz
Konzentrat (0382__205)
Unique Formula Identifier : 6C60-MOUQ-F00P-S17M

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

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Information contact : sds@glutolin.de // service@wepos-chemie.de

Homepage: www.glutolin.de // 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]

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.
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

C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3
QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ;
CAS No. : 1554325-20-0

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Hazard statements

H318 Causes serious eye damage.
H315 Causes skin irritation.

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

DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT ; REACH No. : 01-2119489369-18 ; EC No. : 230-785-7; CAS No. : 7320-34-5

Weight fraction : $\geq 5 - < 10$ %

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

C9-C11 ALCOHOLETHOXYLAT ; REACH No. : 01-2119980051-45-0000 ; EC No. : 614-482-0; CAS No. : 68439-46-3

Weight fraction : $\geq 1 - < 3$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

DISODIUM METASILICATE ; REACH No. : 01-2119449811-37-0000 ; EC No. : 229-912-9; CAS No. : 6834-92-0

Weight fraction : $\geq 1 - < 3$ %

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335

QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; EC No. : 810-152-7; CAS No. : 1554325-20-0

Weight fraction : $\geq 1 - < 3$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315

Additional information

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

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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

None

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.

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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 : colourless

Odour

characteristic

Safety characteristics

Melting point/freezing point : (1013 hPa) 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 : not applicable

Upper explosion limit : not applicable

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

Density : (20 °C) approx. 1,04 g/cm³

Solvent separation test : (20 °C) none

pH value : (20 °C / 91 g/l) 10,5 - 11

Flow time : (23 °C) not relevant ISO cup 6 mm

Viscosity : (20 °C) not determined

Cinematic viscosity : (40 °C) not relevant

VOC-value : < 1 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.

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Acute oral toxicity

Parameter : LD50 (DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT ; CAS No. : 7320-34-5)
Exposure route : Oral
Species : Mouse
Effective dose : > 2000 mg/kg
Parameter : LD50 (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg
Parameter : LD50 (DISODIUM METASILICATE ; CAS No. : 6834-92-0)
Exposure route : Oral
Species : Rat
Effective dose : 1152 - 1349 mg/kg
Parameter : ATE (QUTERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL)
DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Exposure route : Oral
Effective dose : > 300 - 2000 mg/kg
Parameter : ATE (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Exposure route : Oral
Effective dose : 500 mg/kg
Parameter : ATE (QUTERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL)
DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Exposure route : Oral
Effective dose : 500 mg/kg

Acute dermal toxicity

Parameter : LD50 (DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT ; CAS No. : 7320-34-5)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 7940 mg/kg
Parameter : LD50 (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 2000 mg/kg
Parameter : LD50 (DISODIUM METASILICATE ; CAS No. : 6834-92-0)
Exposure route : Dermal
Species : Rat
Effective dose : > 5000 mg/kg

Specific effects (Longterm animal experiment)

No data available

Corrosion

Skin corrosion/irritation

Parameter : Skin corrosion/irritation (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Species : Rabbit
Result : no skin irritation
Causes skin irritation.

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation (C9-C11 ALCOHOLETHOXYLAT ;
CAS No. : 68439-46-3)
Species : Rabbit
Result : Risk of serious damage to eyes.
Causes serious eye damage.

Respiratory or skin sensitisation

No information available.

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Repeated dose toxicity (subacute, subchronic, chronic)

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Parameter : Carcinogenicity (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Result : Negative.

No information available.

Germ cell mutagenicity

No information available.

Genotoxicity

Parameter : Genotoxicity (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Exposure route : In vitro mutagenicity
Result : Negative.

Parameter : Genotoxicity (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Exposure route : In vivo mutagenicity
Result : Negative.

Reproductive toxicity

No information available.

Adverse effects on developmental toxicity

Parameter : Two generation reproduction toxicity test (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Exposure route : NOEL(C)
Species : Rat
Effective dose : > 250 mg/kg

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.

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) fish toxicity

Parameter : LC50 (DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT ; CAS No. : 7320-34-5)
Species : Daphnia magna (Big water flea)
Effective dose : > 100 mg/l
Exposure time : 48 h

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Parameter : LC50 (DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT ; CAS No. : 7320-34-5)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : > 100 mg/l
Exposure time : 96 h

Parameter : LC0 (DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT ; CAS No. : 7320-34-5)
Species : Leuciscus idus (golden orfe)
Effective dose : > 750 mg/l
Exposure time : 48 h

Parameter : LC50 (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : > 1 - 10 mg/l
Exposure time : 96 h

Parameter : EC50 (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Species : Daphnia magna (Big water flea)
Effective dose : > 1 - 10 mg/kg
Exposure time : 48 h
Evaluation : Harmless to daphnia up to the tested concentration.
Method : OECD 202

Parameter : LC50 (DISODIUM METASILICATE ; CAS No. : 6834-92-0)
Species : Danio rerio (zebrafish)
Effective dose : 3185 mg/l
Exposure time : 96 h

Parameter : EC50 (DISODIUM METASILICATE ; CAS No. : 6834-92-0)
Species : Daphnia
Effective dose : 1700 mg/l
Exposure time : 48 h

Parameter : EC0 (DISODIUM METASILICATE ; CAS No. : 6834-92-0)
Species : Bakterien
Effective dose : > 1000 mg/l
Exposure time : 48 h

Parameter : LC50 (QUTERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL)
DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Species : Fish
Effective dose : > 10 - 100 mg/l
Exposure time : 96 h

Acute (short-term) toxicity to crustacea

Parameter : EC50 (QUTERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL)
DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Species : Daphnia
Effective dose : > 1 - 10 mg/l
Exposure time : 48 h

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : EC50 (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Species : Algae
Effective dose : > 1 - 10 mg/l
Exposure time : 72 h

Parameter : EC50 (QUTERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL)
DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Species : Algae
Effective dose : > 1 - 10 mg/l
Exposure time : 72 h

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Toxicity to microorganisms

Parameter : EC50 (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Species : bacteria
Evaluation parameter : activated sludge
Effective dose : 140 mg/l

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.

Adsorption

Parameter : Adsorption coefficient (C9-C11 ALCOHOLETHOXYLAT ; CAS No. : 68439-46-3)
Inoculum : Mobility in soil
Effective dose : > 5000
Evaluation : strong adsorption on the ground

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

SECTION 14: Transport information

14.1 UN number or ID number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

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14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

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

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

- This product is subject to the Detergents Regulation No. 648/2004.

- www.glutoclean.de, 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

None

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

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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)

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.

H335 May cause respiratory irritation.

16.6 Training advice

None

16.7 Additional information

None

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.
