

# Safety Data Sheet

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

Trade name : Hygiene Spray  
Revision date : 26.07.2024  
Print date : 26.07.2024

Version (Revision) : 8.0.0 (7.0.0)  
Article number : 0388\_\_205

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

#### 1.1 Product identifier

Hygiene Spray (0388\_\_205)  
Unique Formula Identifier (UFI) : QN3C-7TNW-XK3V-FHDV

#### 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

**Street :** Im Schedetal 1

**Postal code/City :** 34346 Hann. Münden

**Telephone :** +49 (0)5541 7003-03

**Telefax :** +49 (0)5541 7003-50

**Information contact :** [sds@glutolin.de](mailto:sds@glutolin.de)

**Homepage:** [www.glutolin.de](http://www.glutolin.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 Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

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

###### Hazard pictograms



Exclamation mark (GHS07)

###### Signal word

Warning

###### Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 Wear protective gloves/eye 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.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P302+P352 IF ON SKIN: Wash with plenty of water and soap.  
P273 Avoid release to the environment.  
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

1-METHOXY-2-PROPANOL ; REACH No. : 01-2119457435-35 ; EC No. : 203-539-1; CAS No. : 107-98-2

Weight fraction :  $\geq 1 - < 5 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H336

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDE ; REACH No. : 01-2119983287-23 ; EC No. : 270-325-2; CAS No. : 68424-85-1

Weight fraction :  $\geq 1 - < 2,5 \%$

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Specific Conc. Limits : (M Chronic=1) • (M Acute=10)

FATTALCOHOL ETHOXYLATED ; REACH No. : 01-2119976362-32 ; EC No. : 500-241-6; CAS No. : 69011-36-5

Weight fraction :  $< 1 \%$

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319 Aquatic Chronic 3 ; H412

#### 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.

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### 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

## 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.

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### 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

1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2

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

Limit value : 150 ppm / 568 mg/m<sup>3</sup>

Remark : Skin

Version : 20.06.2019

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

Limit value : 100 ppm / 375 mg/m<sup>3</sup>

Remark : Skin

Version : 20.06.2019

### 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 respirative 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.

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### SECTION 9: Physical and chemical properties

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

##### Appearance

Physical state : Liquid

Colour : clear

##### Odour

fruity

##### Safety characteristics

Melting point/freezing point :	( 1013 hPa )	No data available
Initial boiling point and boiling range :	( 1013 hPa )	> 95 °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 )	not determined
Density :	( 20 °C )	approx. 1 g/cm <sup>3</sup>
Solvent separation test :	( 20 °C )	none
Water solubility :	( 20 °C )	soluble
pH :		7,5
Flow time :	( 23 °C )	not relevant ISO cup 6 mm
Solvent content :		< 10 Weight-%

#### 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 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )
Exposure route :	Oral
Species :	Rat
Effective dose :	7200 mg/kg

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Parameter : ATE ( QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDE ; CAS No. : 68424-85-1 )  
Exposure route : Oral  
Effective dose : 600 mg/kg  
Parameter : LD50 ( FATTALCOHOL ETHOXYLATED ; CAS No. : 69011-36-5 )  
Exposure route : Oral  
Species : Rat  
Effective dose : > 10000 mg/kg  
Parameter : ATE ( QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDE ; CAS No. : 68424-85-1 )  
Exposure route : Oral  
Effective dose : 500 mg/kg  
The calculated ATEmix value for the mixture is, for this route of exposure, above the corresponding classification category (category 4).

### Acute dermal toxicity

Parameter : LD50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : 13000 - 14000 mg/kg  
Parameter : ATE ( QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDE ; CAS No. : 68424-85-1 )  
Exposure route : Dermal  
Effective dose : 1560 mg/kg  
Parameter : LD50 ( FATTALCOHOL ETHOXYLATED ; CAS No. : 69011-36-5 )  
Exposure route : Dermal  
Species : Rat  
Effective dose : > 2000 mg/kg  
The calculated ATEmix value for the mixture is, for this route of exposure, above the corresponding classification category (category 4).

### Acute inhalation toxicity

Parameter : LC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Exposure route : Inhalation  
Species : Rat  
Effective dose : > 7,5 mg/l  
Exposure time : 6 h  
The calculated ATEmix value for the mixture is, for this route of exposure, above the corresponding classification category (category 4).

### Specific effects (Longterm animal experiment)

No data available

### Corrosion

#### Skin corrosion/irritation

Parameter : Skin corrosion/irritation ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Parameter : Human  
Result : no skin irritation  
Parameter : Skin corrosion/irritation ( FATTALCOHOL ETHOXYLATED ; CAS No. : 69011-36-5 )  
Parameter : Human  
Result : no skin irritation  
Causes skin irritation.

#### Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Parameter : Human  
Result : moderate irritation of the eyes

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Parameter : Serious eye damage/eye irritation ( FATTALCOHOL ETHOXYLATED ;  
CAS No. : 69011-36-5 )  
Parameter : Human  
Result : irritates  
Causes serious eye irritation.

### 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

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.

### 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

Harmful to aquatic life with long lasting effects.

##### Acute (short-term) fish toxicity

Parameter : LC50 ( QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL,  
CHLORIDE ; CAS No. : 68424-85-1 )  
Species : Acute (short-term) fish toxicity  
Effective dose : > 0,1 - 1 mg/l  
Exposure time : 96 h

##### Acute (short-term) toxicity to crustacea

Parameter : EC50 ( QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL,  
CHLORIDE ; CAS No. : 68424-85-1 )  
Species : Daphnia  
Effective dose : > 0,01 - 0,1 mg/l  
Exposure time : 48 h

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

Parameter : EC50 ( 1-METHOXY-2-PROPANOL ; CAS No. : 107-98-2 )  
Species : Algae  
Evaluation parameter : (Grünalge (Selenastrum capricornutum))  
Effective dose : > 1000 mg/l  
Exposure time : 7 D  
Parameter : IC50 ( QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDE ; CAS No. : 68424-85-1 )  
Species : Pseudokirchneriella subcapitata  
Effective dose : > 0,01 - 0,1 mg/l  
Exposure time : 72 h

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

Parameter : NOEC ( QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDE ; CAS No. : 68424-85-1 )  
Species : Pseudokirchneriella subcapitata  
Effective dose : > 0,001 - 0,01 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.

### 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

No dangerous good in sense of these transport regulations.

#### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

#### 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

##### Regulation (EU) No 528/2012 (Biocidal products)

- Aqueous disinfectant (75 ml/m<sup>2</sup> surface); main group 1, product type 2, 3 and 4

- 100g contains: 1,0 g quaternary ammonium compounds, benzyl-C12-C16 alkyl dimethyl chloride.

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

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

#### 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. Label elements · 03. Hazardous ingredients ·

#### 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

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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)

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

### 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.