

Safety Data Sheet

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



Trade name : Glutoclean AF
Anti Fungicidal Additive
Article number : 0654__074
Revision date : 23.02.2018
Version (Revision) : 4.1.0 (4.0.0)
Print date : 23.02.2018

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

1.1 Product identifier

Glutoclean AF
Anti Fungicidal Additive (0654__074)

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

Relevant identified uses

Product Categories [PC]

PC8 - Biocidal product

Sector of uses [SU]

SU21 - Consumer uses: Private households (= general public = consumers)

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

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 :

E-Mail (fachkundige Person) : sds@glutolin.de

Webseite : www.glutolin.de

1.4 Emergency telephone number

+49 (0)5541 7003-41/-64

Only available during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

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

Acute Tox. 4 ; H302 - Acute toxicity (oral) : Category 4 ; Harmful if swallowed.

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

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

Skin Sens. 1 ; H317 - Skin sensitisation : Category 1 ; May cause an allergic skin reaction.

STOT RE 2 ; H373 - STOT-repeated exposure : Category 2 ; May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

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

Hazard pictograms



Health hazard (GHS08) · Exclamation mark (GHS07)

Safety Data Sheet

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



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Signal word

Warning

Hazard components for labelling

2,2'-OXYBISETHANOL ; CAS No. : 111-46-6

OCTHILINONE (ISO) ; CAS No. : 26530-20-1

Hazard statements

H302	Harmful if swallowed.
H373	May cause damage to kidneys through prolonged or repeated exposure if swallowed.
H317	May cause an allergic skin reaction.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

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.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P271	Use only outdoors or in a well-ventilated area.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P101	If medical advice is needed, have product container or label at hand.
P273	Avoid release to the environment.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description

Consists of: Derivative of isothiazoles, additives and solvent

Hazardous ingredients

2,2'-OXYBISETHANOL ; REACH registration No. : 01-2119457857-21 ; EC No. : 203-872-2 ; CAS No. : 111-46-6

Weight fraction : $\geq 50 - < 100$ %
Classification 1272/2008 [CLP] : STOT RE 2 ; H373 Acute Tox. 4 ; H302

OCTHILINONE (ISO) ; EC No. : 247-761-7 ; CAS No. : 26530-20-1

Weight fraction : $< 2,5$ %
Classification 1272/2008 [CLP] : Acute Tox. 3 ; H311 Acute Tox. 3 ; H331 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Notice the directions 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.

Safety Data Sheet

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In case of skin contact

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

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After 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

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray Extinguishing powder Carbon dioxide (CO₂) Foam

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Nitrogen oxides (NO_x) Carbon monoxide Sulphur dioxide (SO₂)

5.3 Advice for firefighters

Special protective equipment for firefighters

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

5.4 Additional information

Cool endangered containers with water in case of fire. Move undamaged containers from immediate hazard area if it can be done safely.

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.

Safety Data Sheet

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



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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

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

goggles

Skin protection

Hand protection

Chemical protective gloves according to DIN EN 374 with CE marking.

Check protective gloves prior to each use for damage (cracks, holes, cuts). Do not wear protective gloves longer than necessary.

After use of protective gloves, use skin cleansing and skin care products.

By short-term hand contact : see By long-term hand contact

By long-term hand contact : siehe unten

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 480 min

Thickness of the glove material : 0,4 mm

Body protection

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

Respiratory protection

Suitable respiratory protection apparatus

Usually no personal respirative protection necessary. If workplace limits are exceeded, a gas mask approved for this purpose must be worn. Self-contained respirator (breathing apparatus) (DIN EN 133)

General health and safety measures

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

Safety Data Sheet

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Colour : yellow

Odour

characteristic

Safety relevant basis data

Melting point/melting range :	(1013 hPa)	-8,5	°C	
Initial boiling point and boiling range :	(1013 hPa)	245	°C	
Flash point :		140	°C	Brookfield
Ignition temperature :		225	°C	
Lower explosion limit :		1,8	Vol-%	
Upper explosion limit :		12,2	Vol-%	
Vapour pressure :	(50 °C)	No data available		
Vapour pressure :	(20 °C)	0	hPa	
Density :	(20 °C)	approx. 1,1	g/cm ³	
Solvent separation test :	(20 °C)	not applicable		
Water solubility :	(20 °C)	miscible		
pH :		not applicable		
Flow time :	(20 °C)	< 20	s	DIN-cup 4 mm
VOC-value :		977	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 toxicological effects

Acute effects

No data available

Acute oral toxicity

Parameter :	ATEmix calculated
Exposure route :	Oral
Effective dose :	> 5000 mg/kg
Parameter :	LD50 (OCHILINONE (ISO) ; CAS No. : 26530-20-1)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 500 mg/kg

Safety Data Sheet

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Acute dermal toxicity

Parameter : ATEmix calculated
Exposure route : Dermal
Effective dose : > 5000 mg/kg
Parameter : LD50 (OCTHILINONE (ISO) ; CAS No. : 26530-20-1)
Exposure route : Dermal
Species : Rat
Effective dose : > 900 mg/kg

Acute inhalation toxicity

Parameter : LC50 (OCTHILINONE (ISO) ; CAS No. : 26530-20-1)
Exposure route : Inhalation
Species : Rat
Effective dose : 0,27 mg/l
Exposure time : 4 h

Irritant and corrosive effects

No data available

Primary irritation to the skin

Parameter : Primary irritation to the skin
Result : Strongly irritant

Irritation to eyes

Parameter : Irritation to eyes
Result : Strongly irritant

Sensitisation

No data available

In case of skin contact

Parameter : Skin sensitisation
Result : Sensitising.

Repeated dose toxicity (subacute, subchronic, chronic)

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Parameter : Carcinogenicity
Test result : Negative.
No data available

Germ cell mutagenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

11.5 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.

Safety Data Sheet

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



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Aquatic toxicity

Acute (short-term) algae toxicity

Parameter :	EC50 (OCHILINONE (ISO) ; CAS No. : 26530-20-1)
Species :	Daphnia
Effective dose :	0,42 mg/l
Exposure time :	48 h

Effects in sewage plants

No information available.

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.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

Additional information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

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

Waste codes/waste designations according to EWC/AVV

Waste code product

07 04 04

Waste name

other organic solvents, washing liquids and mother liquors

Waste code packaging

15 01 02

Waste name

plastic packaging

SECTION 14: Transport information

14.1 UN 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.

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14.6 Special precautions for user

None

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 legislation

Other regulations (EU)

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

- this product is not subject to EC Detergent regulation no. 648/2004.

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

- out of scope

Regulation (EU) No. 528/2012 on biocides

Biocidal products directive (528/2012/EC):

--Labeling of units:

-Concentrate for products during storage, film preservation and construction material preservation (25-32 ml/l water-based product), Main Group 2, Product-type 6, 7 and 10

-100g contents: 2,49g 2-Octyl-2H-isothiazol-3-one

--Labeling of any advertising material:

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

This labelling also applies to products, which don't have to be labeled according CLP regulation (EU/1272/2008).

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

08. Personal protection equipment · 11. Toxicological information

16.2 Abbreviations and acronyms

None

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]

No information available.

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

H302	Harmful if swallowed.
H311+H331	Toxic in contact with skin or if inhaled.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet

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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.
