

triformin decon

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 21.06.2023

Print date: 12.07.23

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

1.1. Product identifier

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

Identified Uses

PC8	Biocidal products (e.g. Disinfectants, pest control)
PC35	Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Address:

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85
D-20539 Hamburg
Telephone no. +49 40 789 60 0
Fax no. +49 40 789 60 120
www.drweigert.com

E-mail address of person responsible for this SDS:

sida@drweigert.de

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)
Aquatic Chronic 3 H412

*
*
*

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273	Avoid release to the environment.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention. Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does

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not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients ***

Hazardous ingredients ***

benzalkonium chloride

CAS No. 68424-85-1

EINECS no. 270-325-2

Concentration $\geq 0,1$ < 1 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4

H302

Route of exposure: oral

Skin Corr. 1B

H314

Eye Dam. 1

H318

Aquatic Acute 1

H400

Aquatic Chronic 1

H410

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 M = 10

didecyldimethylammonium chloride

CAS No. 7173-51-5

EINECS no. 230-525-2

Registration no. 01-2119945987-15

Concentration $\geq 0,1$ < 1 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4

H302

Route of exposure: oral

Skin Corr. 1B

H314

Eye Dam. 1

H318

Aquatic Acute 1

H400

Aquatic Chronic 2

H411

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 M = 10

Note

[3] Substance with occupational exposure limits

SECTION 4: First aid measures

4.1. Description of first aid measures

After skin contact

No special measures required.

SECTION 5: Firefighting measures

SECTION 6: Accidental release measures

SECTION 7: Handling and storage

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value > 4 < 25 °C

Storage classes

Storage class according to 10-13 Other combustible and non-combustible substances

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Propane-1,2-diol

List	EH40		
Type	WEL		
Value	10	mg/m ³	

8.2. Exposure controls

Hand protection

Not necessary.

Eye protection

Not necessary.

Body protection

Not necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid			
Colour	colourless			
Odour	characteristic			
Flammability				
evaluation	Not applicable			
Upper and lower explosive limits				
Remarks	Not applicable			
Flash point				
Remarks	Not applicable			
Ignition temperature				
Remarks	Not applicable			
pH value				
Value	5	to	6	
Temperature	20	°C		
Density and/or relative density				
Value	1,00			g/cm ³
Temperature	20	°C		

9.2. Other information

Solubility in water

Remarks miscible

Explosive properties

evaluation no

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

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

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Acute oral toxicity

ATE > 2000 mg/kg
Method calculated value (Regulation (EC) No. 1272/2008)
Remarks Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)

benzalkonium chloride

Species rat
LD50 appr. 344 mg/kg

didecyldimethylammonium chloride

Species rat
LD50 300 to 2000 mg/kg
Method OECD 401

Acute dermal toxicity

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

Acute dermal toxicity (Components)

benzalkonium chloride

Species rabbit
LD50 appr. 3340 mg/kg

Acute inhalational toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Subacute, subchronic, chronic toxicity

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

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

Repeated exposure

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

Aspiration hazard

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

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

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SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity (Components)

benzalkonium chloride

Species	Fathead minnow (<i>Pimephales promelas</i>)	
LC50	0,28	mg/l
Duration of exposure	96	h

benzalkonium chloride

Species	Fathead minnow (<i>Pimephales promelas</i>)	
NOEC	0,032	mg/l
Duration of exposure	34	d

didecyldimethylammonium chloride

Species	zebra fish (<i>Brachydanio rerio</i>)	
LC50	0,97	mg/l
Duration of exposure	96	h
Method	OECD 203	

Daphnia toxicity (Components)

didecyldimethylammonium chloride

Species	Daphnia magna	
EC50	0,057	mg/l
Duration of exposure	48	h
Method	OECD 202	

Algae toxicity (Components)

didecyldimethylammonium chloride

EC50	0,053	mg/l
Duration of exposure	72	h
Method	OECD 201	

Bacteria toxicity (Components)

benzalkonium chloride

Species	activated sludge	
EC50	7,75	mg/l
Duration of exposure	3	h

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

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SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information

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

Ingredients (Regulation (EC) No 648/2004)

less than 5 %:

non-ionic surfactants

Further ingredients

disinfectants

VOC

VOC (EU) 0 %

Other information

The product does not contain substances of very high concern (SVHC).

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 3 H412 Calculation method

Hazard statements listed in Chapter 2/3

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.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

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