

# SAFETY DATA SHEET

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

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## Actosed® Endo

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

#### 1.1. Product identifier

Trade name/designation:

Actosed® Endo

Article No.:

01.0101.a

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

Use of the substance/mixture:

Medical instrument disinfectant

Medical instrument disinfectant

Relevant identified uses:

Sector of uses [SU]

SU 20: Health services

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

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

**ACTO GmbH**

Quality Management

Büchnerstr. 11

38118 Braunschweig

Germany

Telephone: (+49) (0) 531-239 508-0

Telefax: (+49) (0) 531-239 508-11

E-mail: info@actogmbh.com

Website: http://www.actogmbh.com

E-mail (competent person): info@actogmbh.com

Poison Control Center-Nord (GIZ-Nord) University Medical Center Göttingen Robert-Koch-Str. 40, 37075

Göttingen Emergency number for Citizens: +49 (0) 551-19 24 0 Consulting physician: +49 (0) 551-38 31

80 E-mail: giznord@giz-nord.de Web-Page: http://www.giz-nord.de

#### 1.4. Emergency telephone number

Name: Erdi Günher Profession: Chemist Certificate No.: GBF-A-0-2859 Validity: 06.08.2021 Telephone: +90 5358654635 E-mail (competent person): erdi.gunher@actopharma.com, 24h: GIZ-Nord: +49-551-19 24 0, Safety Officer: +49-531-2395080; +49-172-8560648 (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]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
Acute toxicity (oral) ( <i>Acute Tox. 4</i> )	H302: Harmful if swallowed.	
Skin corrosion/irritation ( <i>Skin Corr. 1A</i> )	H314: Causes severe skin burns and eye damage.	
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	
Hazardous to the aquatic environment ( <i>Aquatic Acute 1</i> )	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 1</i> )	H410: Very toxic to aquatic life with long lasting effects.	

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### 2.2. Label elements

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

Hazard pictograms:



**GHS05**  
Corrosion



**GHS07**  
Exclamation mark



**GHS09**  
Environment

Signal word: Danger

#### hazard statements for health hazards

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

#### Hazard statements for environmental hazards

H410	Very toxic to aquatic life with long lasting effects.
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Supplemental Hazard information (EU): -

#### Precautionary statements Prevention

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary statements Response

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER.
P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P311	IF exposed or concerned: Call a POISON CENTER.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

#### Precautionary statements Storage

P405	Store locked up.
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#### Precautionary statements Disposal

P501	Dispose of contents/container to in accordance with national regulations..
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Special rules for supplemental label elements for certain mixtures:

12.0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

### 2.3. Other hazards

No data available

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### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

##### Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 94667-33-1 EC No.: 619-057-3	<b>N,N-Didecyl-N-methylpoly(oxyethyl)ammonium propionate</b> Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1, Skin Corr. 1B <b>Danger</b> H302-H314-H400-H410 M-factor (acute): 1 M-factor (chronic): 10	7 - ≤ 12 Wt %
CAS No.: 2372-82-9 EC No.: 219-145-8	<b>N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine</b> Acute Tox. 3, Aquatic Acute 1, Aquatic Chronic 1, STOT RE 2, Skin Corr. 1A <b>Danger</b> H301-H314-H373-H400 M-factor (acute): 10 M-factor (chronic): 1	5 - ≤ 9.9 Wt %
CAS No.: 68439-49-6 EC No.: 500-212-8	<b>Alcohols, C16-18, ethoxylated</b> Acute Tox. 4, Aquatic Acute 1, Eye Dam. 1 <b>Danger</b> H302-H318-H400 M-factor (acute): 1 M-factor (chronic): 1	2 - ≤ 4 Wt %
CAS No.: 68515-73-1 EC No.: 500-220-1	<b>D-Glucopyranose, oligomers, decyl octyl glycosides</b> Eye Dam. 1 <b>Danger</b> H318-H402	1 - ≤ 2 Wt %
CAS No.: 64-02-8 EC No.: 200-573-9	<b>tetrasodium ethylenediaminetetraacetate</b> Acute Tox. 4, Eye Dam. 1 <b>Danger</b> H302-H318	1 - ≤ 2 Wt %

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

##### Following inhalation:

Remove casualty to fresh air and keep warm and at rest. If unconscious place in recovery position and seek medical advice. In case of irregular breathing or respiratory arrest provide artificial respiration. Provide fresh air. In case of respiratory tract irritation, consult a physician.

##### In case of skin contact:

Following skin contact Subsequently wash off with: Water and soap In case of skin irritation, consult a physician.

IF ON CLOTHING: Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. Get immediate medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

##### After ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell. Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get immediate medical advice/attention.

##### Self-protection of the first aider:

Warning Use personal protection equipment. No direct artificial respiration to be given by first aider.

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

Skin corrosion/irritation Serious eye damage/eye irritation

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

Treat symptomatically.

You can refer to data sources in section 16 to find detailed toxicity information of each component.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings. , , Water spray, . Suppress gases/vapours/mists with water spray jet.

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

In case of fire: Gases/vapours, toxic. Do not breathe gas/fumes/vapour/spray. The product itself does not burn.

#### Hazardous combustion products:

Nitrogen oxides (NOx), Carbon monoxide, Carbon dioxide (CO<sub>2</sub>). In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

Heating causes rise in pressure with risk of bursting. Move undamaged containers from immediate hazard area if it can be done safely. Use water spray jet to protect personnel and to cool endangered containers. Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Avoid contact with eyes and skin. Wear personal protection equipment. Do not breathe gas/vapour/aerosol. Provide adequate ventilation. Keep out of reach of children. Wash contaminated clothing prior to re-use. Remove persons to safety.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

##### Emergency procedures:

Remove persons to safety. Provide eye shower and label its location conspicuously

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 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:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up:

Water

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

Handle in accordance with good industrial hygiene and safety practice. Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

No special measures are necessary.

##### Environmental precautions:

Avoid release of large amounts to the environment.

##### Advices on general occupational hygiene

Wash hands before breaks and after work. When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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

##### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place. storage temperature: 5-40 °C

##### Requirements for storage rooms and vessels:

Keep/Store only in original container. Floors should be impervious, resistant to liquids and easy to clean.

##### Hints on storage assembly:

Keep away from food, drink and animal feedingstuffs.

**Storage class:** 8B - Non-combustible corrosive substances

#### 7.3. Specific end use(s)

##### Recommendation:

Disinfectant. Some of the uses of the product mentioned in Section 1.2. No other specific uses are stipulated. Observe instructions for use.

##### Industrial sector specific solutions:

Disinfectant cleaner, based on quaternary ammonium compounds, irritant

##### GISCODE:

GD30

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE)	2,2',2''-nitrilotriethanol CAS No.: 102-71-6	① 1 mg/m <sup>3</sup> ② 1 mg/m <sup>3</sup> ⑤ (einatembare Fraktion)
TRGS 900 (DE)	N-(3-aminopropyl)-N-dodecyl propane-1,3-diamine CAS No.: 2372-82-9	① 0.05 mg/m <sup>3</sup> ② 0.4 mg/m <sup>3</sup>

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

No data available

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

#### 8.2.2. Personal protection equipment



##### Eye/face protection:

Eye glasses with side protection DIN EN 166 (Berufsgenossenschaftliche Regeln (BGR) 192)

##### Skin protection:

Tested protective gloves must be worn EN ISO 374. Wash hands before breaks and after work. Apply skin care products after work. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Suitable material: Breakthrough time (maximum wearing time) min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

##### Respiratory protection:

Use only in well-ventilated areas. With correct and proper use, and under normal conditions, breathing protection is not required.

##### Other protection measures:

General health and safety measures: When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use.

#### 8.2.3. Environmental exposure controls

See chapter 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state: Liquid

Colour: light yellow

Odour: characteristic

#### Safety relevant basis data

parameter		at °C	Method	Remark
pH	≥ 9.6 - ≤ 11.2	20 °C		
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	not determined			
Decomposition temperature	not determined			
Flash point	not determined			
Evaporation rate	not determined			
Auto-ignition temperature	not determined			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Density	≥ 1 - ≤ 1.1 g/ml	20 °C		
Bulk density	not determined			
Water solubility	not determined			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	not determined	40 °C		

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### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

There is no dangerous reactions known when use as prescribed and with proper storage.. The product itself does not burn.

### 10.2. Chemical stability

There is no stability problems observed when use as prescribed and with proper storage.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

See chapter 7. No additional measures necessary.

### 10.5. Incompatible materials

Aluminium

### 10.6. Hazardous decomposition products

Nitrogen oxides (NOx) Carbon dioxide. Carbon monoxide. In case of fire: Gases/vapours, toxic. Do not breathe gas/vapour.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
94667-33-1	N,N-Didecyl-N-methylpoly(oxyethyl)ammonium propionate	<b>LD<sub>50</sub> oral:</b> 1,157 mg/kg (Ratte) OECD 401
2372-82-9	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	<b>LD<sub>50</sub> oral:</b> 261 mg/kg (Ratte) OECD 401 <b>LD<sub>50</sub> dermal:</b> >600 mg/kg (Ratte) OECD 402
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) OECD 401 <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rabbit) OECD 402
64-02-8	tetrasodium ethylenediaminetetraacetate	<b>LD<sub>50</sub> oral:</b> >1,780 - <2,000 mg/kg (Ratte)

#### Acute oral toxicity:

Harmful if swallowed.

#### Acute dermal toxicity:

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

#### Acute inhalation toxicity:

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

#### Skin corrosion/irritation:

Causes severe skin burns and eye damage.

#### Serious eye damage/irritation:

Causes serious eye damage.

#### Respiratory or skin sensitisation:

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

#### Germ cell mutagenicity:

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

#### Carcinogenicity:

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

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### Reproductive toxicity:

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

### STOT-single exposure:

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

### STOT-repeated exposure:

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

### Aspiration hazard:

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

### Additional information:

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No.	Substance name	Toxicological information
94667-33-1	N,N-Didecyl-N-methylpoly(oxyethyl)ammonium propionate	<b>LC<sub>50</sub>:</b> 0.78 mg/l 4 d (Fische) OECD 203 (Fische, akute Toxizität) <b>EC<sub>50</sub>:</b> 0.07 mg/l 2 d (Daphnien) OECD 202 (Daphnien, Immobilisierung)
2372-82-9	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	<b>LC<sub>50</sub>:</b> >0.68 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) OECD 203 <b>NOEC:</b> >0.024 mg/l 21 d (Daphnia magna (Big water flea)) OECD 211
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	<b>LC<sub>50</sub>:</b> >100 mg/l (Brachydanio rerio) DIN EN ISO 7346-2 <b>EC<sub>50</sub>:</b> >100 mg/l (Daphnia magna) OECD Guideline 202, part 1 <b>EC<sub>50</sub>:</b> >10 - 100 mg/l (Scenedesmus subspicatus) Directive 88/302/EEC, part C, p. 89
64-02-8	tetrasodium ethylenediaminetetraacetate	<b>LC<sub>50</sub>:</b> 486 - 3,090 mg/l 4 d <b>EC<sub>50</sub>:</b> >100 mg/l 2 d (Daphnia magna (Big water flea)) DIN 38412 / part 11 <b>NOEC:</b> 25 mg/l 21 d (Daphnia magna (Big water flea)) OECD 211 <b>EC<sub>50</sub>:</b> >100 mg/l 3 d

### Aquatic toxicity:

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
94667-33-1	N,N-Didecyl-N-methylpoly(oxyethyl)ammonium propionate	Yes, rapidly	Bioaccumulative potential: Readily biodegradable (according to OECD criteria). not persistent.
2372-82-9	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	Yes, rapidly	
68439-49-6	Alcohols, C16-18, ethoxylated	Yes, rapidly	
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	Yes, rapidly	Readily biodegradable (according to OECD criteria).

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available



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### 12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
94667-33-1	N,N-Didecyl-N-methylpoly(oxyethyl)ammonium propionate	—
2372-82-9	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	—
68439-49-6	Alcohols, C16-18, ethoxylated	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	—
64-02-8	tetrasodium ethylenediaminetetraacetate	—

### 12.6. Other adverse effects

No further relevant information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal.

#### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

##### Waste code product:

07 06 99	Wastes not otherwise specified
----------	--------------------------------

##### Waste code packaging:

07 06 99	Wastes not otherwise specified
15 01 10 *	packaging containing residues of or contaminated by dangerous substances

\*: Evidence for disposal must be provided.

### Waste treatment options

#### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.





#### Appropriate disposal / Package:

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

### 13.2. Additional information

Dispose waste in accordance with national regulations!

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN-No.</b>			
UN 1903	UN 1903	UN 1903	UN 1903
<b>14.2. UN proper shipping name</b>			
DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
<b>14.3. Transport hazard class(es)</b>			
 8	 8	 8	 8

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.4. Packing group</b>			
III	III	III	III
<b>14.5. Environmental hazards</b>			
		 MARINE POLLUTANT	
<b>14.6. Special precautions for user</b>			
<b>Special provisions:</b> 274 <b>Limited quantity (LQ):</b> 5L-E1 <b>Excepted Quantities:</b> <b>Hazard identification number (Kemler No.):</b> 80 <b>Classification code:</b> C9-C10 <b>tunnel restriction code:</b> (E) <b>Remark:</b> P001, IBC03, LP01, R001	<b>Special provisions:</b> 274 <b>Limited quantity (LQ):</b> 5L-E1 <b>Excepted Quantities:</b> <b>Classification code:</b> C9-C10 <b>Remark:</b>	<b>Special provisions:</b> 223, 274 <b>Limited quantity (LQ):</b> 5L-E1 <b>Excepted Quantities:</b> <b>EmS-No.:</b> F-A; S-B <b>Remark:</b> P001, LP01, IBC03	<b>Special provisions:</b> <b>Limited quantity (LQ):</b> IATA-Packing instructions - Passenger: Y841 IATA-Maximum amount - Passenger: 1L IATA-Packing instructions - Passenger 852 IATA-Maximum amount - Passenger: 5L IATA-Packing instructions - Cargo: 856 IATA-Maximum amount - Cargo: 60L <b>Excepted Quantities:</b> <b>Remark:</b> ERG Code: 8L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Authorisations:

Class II-B Medical product according to Medical Devices Directive 93/42/EEC with amendment 2007/47/EC.

##### Other regulations (EU):

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work Classification according to Regulation (EC) No 1272/2008 [CLP], according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 453/2010). Classification according to Directive 67/548/EEC or 1999/45/EC. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

#### 15.1.2. National regulations

##### [DE] National regulations

##### Restrictions of occupation

5 MuSchRiV. 22 ArbSchG. 4 MuSchRiV.

##### Annex Chemikalien-Verbotsverordnung (ChemVerbotsV)

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

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### Technische Anleitung Luft (TA-Luft)

**Remark:**

Total dust emission value may not be exceeded. (see No. 5.2.1).

### Water hazard class (WGK)

**WGK:**

3 - Severely water-hazardous

**Source:**

Self-classification

### Other regulations, restrictions and prohibition regulations

TRGS 401 "Risks resulting from skin contact - identification, assessment, measures"

TRGS 510 "Storage of hazardous substances in non-stationary containers"

BGI 595 "Instructions M 004: Irritating substances / corrosive substances"

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

You can refer to data sources below to find detailed toxicity information of each component.

<http://www.baua.de/>

<http://gestis.itrust.de/>

<http://www.gefahrstoff-info.de/>

<http://esis.jrc.ec.europa.eu/>

<http://www.echemportal.org/>

<http://www.gischem.de>

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

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Acute toxicity (oral) ( <i>Acute Tox. 4</i> )	H302: Harmful if swallowed.	
Skin corrosion/irritation ( <i>Skin Corr. 1A</i> )	H314: Causes severe skin burns and eye damage.	
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	
Hazardous to the aquatic environment ( <i>Aquatic Acute 1</i> )	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 1</i> )	H410: Very toxic to aquatic life with long lasting effects.	

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

Hazard statements	
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure. (kidneys)
H400	Very toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

# SAFETY DATA SHEET

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

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## Actosed® Endo

### 16.6. Training advice

Do not handle until all safety precautions have been read and understood.

### 16.7. Additional information

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