

# SAFETY DATA SHEET

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

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## etolit GT 100

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

#### 1.1. Product identifier

Trade name/designation:

etolit GT 100

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

Use of the substance/mixture:

Washing and cleaning products (including solvent based products)

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

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

etol-Werk Eberhard Tripp GmbH & Co.OHG

Labor

Allerheiligenstr. 12

77728 Oppenau

Germany

Telephone: +49(0)7804/41-0

Telefax: +49(0)7804/41-168

E-mail: info@etol.de

Website: www.etol.de

E-mail (competent person): wolfgang.gauss@etol.de

#### 1.4. Emergency telephone number

Wolfgang Gauss, +49(0)7804/41-167 (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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	

#### 2.2. Label elements

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

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

Hazard components for labelling:

fatty alcohol alcoxyolate

hazard statements for health hazards	
H315	Causes skin irritation.
H318	Causes serious eye damage.

Supplemental Hazard information (EU): -

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### Precautionary statements Prevention

P280.2 Wear protective gloves and eye/face protection.

### Precautionary statements Response

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/....

### 2.3. Other hazards

No data available

## 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
	<b>fatty alcohol alcoxylate</b> Eye Dam. 1, Skin Irrit. 2 <b>Danger</b> H315-H318	15 - 30 Wt %
<b>CAS No.:</b> 5949-29-1 <b>EC No.:</b> 201-069-1	<b>citric acid monohydrate</b> Eye Irrit. 2 <b>Warning</b> H319	5 - 15 Wt %
<b>CAS No.:</b> 67-63-0 <b>EC No.:</b> 200-661-7 <b>REACH No.:</b> 01-2119457558-25	<b>Propan-2-ol</b> STOT SE 3, Flam. Liq. 2, Eye Irrit. 2 <b>Danger</b> H225-H319-H336	1 - 5 Wt %
<b>CAS No.:</b> 28348-53-0 <b>EC No.:</b> 290-913-5	<b>sodium p-cumenesulphonate</b> Eye Irrit. 2 <b>Warning</b> H319	1 - 5 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:

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. If skin irritation or rash occurs: Get medical advice/attention.

#### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: 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.

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

Use personal protection equipment.

### 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.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

Water

Carbon dioxide (CO<sub>2</sub>)

Extinguishing powder

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

The product itself does not burn.

#### Hazardous combustion products:

Carbon dioxide (CO<sub>2</sub>)

Carbon monoxide

### 5.3. Advice for firefighters

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:

Remove persons to safety.

##### Protective equipment:

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

#### 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 (with cleaning agent)

### 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

#### Advices on safe handling:

Wear personal protection equipment (refer to section 8).

#### Fire prevent measures:

No special measures are necessary.

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### Advices on general occupational hygiene

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 class:** 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

### 7.3. Specific end use(s)

No data available

## 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
WEL (GB)	Propan-2-ol CAS No.: 67-63-0	① 400 ppm (999 mg/m <sup>3</sup> ) ② 500 ppm (1,250 mg/m <sup>3</sup> )
WEL (GB)	Propanediol CAS No.: 57-55-6	① 10 mg/m <sup>3</sup> ⑤ (particulates)
WEL (GB)	Propanediol CAS No.: 57-55-6	① 150 ppm (474 mg/m <sup>3</sup> ) ⑤ (total vapour & particulates)

#### 8.1.2. Biological limit values

No data available

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

Substance name	DNEL value	① DNEL type ② Exposure route
sodium p-cumenesulphonate CAS No.: 28348-53-0	53.6 mg/m <sup>3</sup>	① DNEL worker ② DNEL long-term inhalative (systemic)
sodium p-cumenesulphonate CAS No.: 28348-53-0	7.6 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
Propanediol CAS No.: 57-55-6	10 mg/m <sup>3</sup>	① DNEL worker ② DNEL acute inhalative (local)
Propanediol CAS No.: 57-55-6	168 mg/m <sup>3</sup>	① DNEL worker ② DNEL long-term inhalative (systemic)
Propanediol CAS No.: 57-55-6	10 mg/m <sup>3</sup>	① DNEL worker ② DNEL long-term inhalative (local)
Propanediol CAS No.: 57-55-6	213 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
Propanediol CAS No.: 57-55-6	85 mg/kg bw/day	① DNEL worker ② DNEL long-term oral (repeated)

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Substance name	PNEC Value	① PNEC type
citric acid monohydrate CAS No.: 5949-29-1	0.44 mg/l	① PNEC aquatic, freshwater
citric acid monohydrate CAS No.: 5949-29-1	0.044 mg/l	① PNEC aquatic, marine water
citric acid monohydrate CAS No.: 5949-29-1	3.46 mg/kg	① PNEC sediment, freshwater
citric acid monohydrate CAS No.: 5949-29-1	34.6 mg/kg	① PNEC sediment, marine water
sodium p-cumenesulphonate CAS No.: 28348-53-0	0.23 mg/l	① PNEC aquatic, freshwater
sodium p-cumenesulphonate CAS No.: 28348-53-0	100 mg/l	① PNEC sewage treatment plant (STP)
Propanediol CAS No.: 57-55-6	260 mg/l	① PNEC aquatic, freshwater
Propanediol CAS No.: 57-55-6	26 mg/l	① PNEC aquatic, marine water
Propanediol CAS No.: 57-55-6	20,000 mg/l	① PNEC sewage treatment plant (STP)
Propanediol CAS No.: 57-55-6	572 mg/kg	① PNEC sediment, freshwater
Propanediol CAS No.: 57-55-6	57.2 mg/kg	① PNEC sediment, marine water

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment



##### Eye/face protection:

Eye glasses with side protection DIN EN 166

##### Skin protection:

Tested protective gloves must be worn DIN EN 374 Suitable material: NBR (Nitrile rubber) >0,3mm Breakthrough time (maximum wearing time) 480min 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.

#### 8.2.3. Environmental exposure controls

No data available

### 8.3. Additional information

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state: liquid

Colour: colourless

Odour: Alcohol

#### Safety relevant basis data

parameter		at °C	Method	Remark
pH	2.1	20 °C		
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			

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parameter		at °C	Method	Remark
Initial boiling point and boiling range	> 90 °C			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	= 54 °C			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Relative density	≈ 1 g/cm <sup>3</sup>	20 °C		
Bulk density	<i>not determined</i>			
Water solubility (g/L)	completely miscible	20 °C		
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>	40 °C		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product itself does not burn.

### 10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

Do not store at temperatures above 40°C

### 10.5. Incompatible materials

Alkali (lye)

### 10.6. Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity:

The classification criteria for this hazard class are not met by definition.

#### Acute dermal toxicity:

The classification criteria for this hazard class are not met by definition.

#### Acute inhalation toxicity:

The classification criteria for this hazard class are not met by definition.

#### Skin corrosion/irritation:

Causes skin irritation.

#### Eye damage/irritation:

Causes serious eye damage.

#### Respiratory or skin sensitisation:

The classification criteria for this hazard class are not met by definition.

#### Germ cell mutagenicity:

The classification criteria for this hazard class are not met by definition.

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### Carcinogenicity:

The classification criteria for this hazard class are not met by definition.

### Reproductive toxicity:

The classification criteria for this hazard class are not met by definition.

### STOT-single exposure:

The classification criteria for this hazard class are not met by definition.

### STOT-repeated exposure:

The classification criteria for this hazard class are not met by definition.

### Aspiration hazard:

The classification criteria for this hazard class are not met by definition.

### Additional information:

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No.	Substance name	Toxicological information
	fatty alcohol alcoxylate	<b>LC<sub>50</sub></b> : >1 - <10 mg/l 4 d (Leuciscus idus (golden orfe))
5949-29-1	citric acid monohydrate	<b>LC<sub>50</sub></b> : =440 mg/l 2 d (Leuciscus idus (golden orfe))
67-63-0	Propan-2-ol	<b>EC<sub>50</sub></b> : >1,000 mg/l 3 d (Scenedesmus subspicatus)
28348-53-0	sodium p-cumenesulphonate	<b>LC<sub>50</sub></b> : >100 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout))

### 12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
	fatty alcohol alcoxylate	Yes, rapidly	
5949-29-1	citric acid monohydrate	Yes, rapidly	
67-63-0	Propan-2-ol	Yes, rapidly	
28348-53-0	sodium p-cumenesulphonate	Yes, rapidly	

### 12.3. Bioaccumulative potential

CAS No.	Substance name	Log K <sub>OC</sub>	Bioconcentration factor (BCF)
67-63-0	Propan-2-ol	-0.16	

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

#### Waste code product:

07 06 99	Wastes not otherwise specified
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#### Waste code packaging:

15 01 02	Plastic packaging
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### Waste treatment options

#### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package:

Recycle sales packaging via DSD (Duales System Deutschland).

### 13.2. Additional information

No data available

## SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

### 14.1. UN-No.

not relevant

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

not relevant

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

not relevant

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Other regulations (EU):

Volatile organic compounds (VOC) content in percent by weight: 4%

#### 15.1.2. National regulations

No data available

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### 15.3. Additional information

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

2.2. Label elements

5.2. Special hazards arising from the substance or mixture

### 16.2. Abbreviations and acronyms

No data available

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

No data available



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### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	

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

Hazard statements	
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available