according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 Print date: 14 Sep 2021

Version: 8 Page 1/9



etolit Wischpflege

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

1.1. Product identifier

Trade name/designation:

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

Use of the substance/mixture:

Washing and cleaning products

Relevant identified uses:

Life cycle stage [LCS]

PW: Widespread use by professional workers

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor): etol Eberhard Tripp GmbH

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 29 CFR 1910.1200-:

The mixture is classified as not hazardous according to regulation 29 CFR 1910.1200-.

2.2. Label elements

Labelling according to Regulation 29 CFR 1910.1200

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: -

Supplemental hazard information: -

Precautionary statements: -

2.3. Other hazards

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 Print date: 14 Sep 2021

Version: 8 Page 2/9



etolit Wischpflege

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation 29 CFR 1910.1200	Concen- tration
CAS No.: 34590-94-8 EC No.: 252-104-2 REACH No.: 01-2119450011-60	(2-methoxymethylethoxy)propanol Substance with a community workplace exposure limit.	5 – 15 weight-%
	fatty alcohol alkoxylate Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Irrit. 2 (H319) Warning	1 - 5 weight-%
CAS No.: 15763-76-5 EC No.: 239-854-6 REACH No.: 01-2119489411-37	sodium p-cumenesulphonate Eye Irrit. 2 (H319) • Warning	1 – 5 weight-%

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 but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

In case of skin contact:

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

Following ingestion:

Rinse mouth. Let water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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

Extinguishing powder

Carbon dioxide (CO2)

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

Carbon dioxide (CO2)

Carbon monoxide

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 Print date: 14 Sep 2021

Version: 8 Page 3/9



etolit Wischpflege

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. Avoid breathing dust/fume/gas/mist/vapours/spray.

Protective equipment:

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

6.1.2. For emergency responders

Personal protection equipment:

Wear protective gloves/protective clothing/eye protection/face protection. 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 (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Water

6.4. Reference to other sections

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

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.

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 (TRGS 510, Germany): 12 – non-combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 **Print date:** 14 Sep 2021

Version: 8 Page 4/9



etolit Wischpflege

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	 Long-term occupational exposure limit value short-term occupational exposure limit value Instantaneous value Monitoring and observation processes Remark
IOELV .	(2-methoxymethylethoxy)pr opanol CAS No.: 34590-94-8 EC No.: 252-104-2	① 50 ppm (308 mg/m³) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	(2-methoxymethylethoxy)pr opanol CAS No.: 34590-94-8 EC No.: 252-104-2	① 50 ppm (310 mg/m³) ② 50 ppm (310 mg/m³) ⑤ (Aerosol und Dampf)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type② Exposure route
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	308 mg/m ³	① DNEL worker ② Long-term – inhalation, systemic effects
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	283 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	26.9 mg/m ³	① DNEL worker ② Long-term – inhalation, systemic effects
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	136.25 mg/ kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	0.096 mg/ cm ²	DNEL worker Long-term - dermal, local effects

Substance name	PNEC Value	① PNEC type
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	19 mg/l	① PNEC aquatic, freshwater
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	1.9 mg/l	① PNEC aquatic, marine water
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	4,168 mg/l	① PNEC sewage treatment plant
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	70.2 mg/kg	① PNEC sediment, freshwater
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	7.02 mg/kg	① PNEC sediment, marine water
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	190 mg/l	① PNEC aquatic, intermittent release

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 **Print date:** 14 Sep 2021

Version: 8 Page 5/9



etolit Wischpflege

Substance name	PNEC Value	① PNEC type
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	0.23 mg/l	① PNEC aquatic, freshwater
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	0.023 mg/l	① PNEC aquatic, marine water
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	0.862 mg/kg	① PNEC sediment, freshwater
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	0.037 mg/kg	① PNEC soil
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	0.0862 mg/ kg	① PNEC soil, marine water

8.2. Exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid Colour: light blue

Odour: Lemon

Safety relevant basis data

parameter		at °C	Method	Remark
рН	7	20 °C		
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	> 90 - 20 °C			
Decomposition temperature	not determined			
Flash point	> 75 °C			
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	≈ 1.02 g/cm ³	20 °C		
Relative density	not determined			
Bulk density	not determined			
Water solubility	completely miscible	20 °C		
Partition coefficient: n-octanol/ water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	not determined	40 °C		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 Print date: 14 Sep 2021

Version: 8 Page 6/9



etolit Wischpflege

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

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

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

Substance name	Toxicological information	
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	LD ₅₀ oral: >5,000 mg/kg (Rat) LD ₅₀ dermal: =9,510 mg/kg (Rabbit)	
fatty alcohol alkoxylate	LD ₅₀ oral: >500 - ≤2,000 mg/kg (Rat)	
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	LC ₅₀ Acute inhalation toxicity (vapour): =6.41 mg/l (Rat) LD ₅₀ oral: >7,000 mg/kg (Rat) LD ₅₀ dermal: >2,000 mg/kg (Rabbit)	

Acute oral toxicity:

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

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:

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

Serious eye damage/irritation:

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

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.

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:

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 **Print date:** 14 Sep 2021

Version: 8 Page 7/9



etolit Wischpflege

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

Substance name	Toxicological information
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	LC ₅₀ : >1,000 mg/l 4 d (fish-, Poecilia reticulata (Guppy)) LC ₅₀ : =1,919 mg/l 2 d (crustaceans, Daphnia magna (Big water flea))
fatty alcohol alkoxylate	LC ₅₀ : >10 - <100 mg/l 4 d (fish-, Danio rerio (zebrafish-)) EC ₅₀ : >10 - <100 mg/l 2 d (crustaceans, Daphnia magna (Big water flea)) EC ₅₀ : >10 - <100 mg/l 3 d (Algae/water plant, Scenede smus subspicatus) NOEC: >0.1 - <1 mg/l 3 d (Algae/water plant, Scenedes mus subspicatus)
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	LC ₅₀ : >1,000 mg/l 4 d (fish-, Oncorhynchus mykiss (Ra inbow trout)) EC ₅₀ : >1,000 mg/l 2 d (crustaceans, Daphnia magna (Big water flea)) ErC ₅₀ : >230 mg/l 4 d (Algae/water plant)

12.2. Persistence and degradability

Substance name	Biodegradation	Remark
(2-methoxymethylethoxy)propanol CAS No.: 34590-94-8 EC No.: 252-104-2	Yes, rapidly	
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	Yes, rapidly	

12.3. Bioaccumulative potential

Substance name	Log K _{OW}	Bioconcentration factor (BCF)
(2-methoxymethylethoxy)propanol	1.01	
CAS No.: 34590-94-8		
EC No.: 252-104-2		

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Substance name	Results of PBT and vPvB assessment	
sodium p-cumenesulphonate CAS No.: 15763-76-5 EC No.: 239-854-6	This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.	

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

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 Print date: 14 Sep 2021

Version: 8 Page 8/9



etolit Wischpflege

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:

20 01 30 detergents other than those mentioned in 20 01 29

Waste code packaging:

15 01 02 Plastic packaging

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)
14.1. UN number o	r ID number		
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper sh	ipping name		
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport has	zard class(es)		
not relevant			
14.4. Packing grou	р		
not relevant			
14.5. Environment	al hazards		
not relevant			
14.6. Special preca	nutions for user		
not relevant			

14.7. Maritime transport in bulk according to IMO instruments

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 .-:

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

Regulation (EC) No. 648/2004 (Detergents regulation)

5-15% non-ionic surfactants

<5% perfumes : limonene

according to Regulation 29 CFR 1910.1200

Revision date: 9 Sep 2021 Print date: 14 Sep 2021

Version: 8 Page 9/9



etolit Wischpflege

15.1.2. National regulations



Störfallverordnung

for substances contained in the product:

This product is not assigned to a hazard category.

for substances possibly developing during an incident:

This product is not assigned to a hazard category.

Water hazard class

WGK:

2 - deutlich wassergefährdend

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

16.1. Indication of changes

3.2.	Mixtures
8.1.	Control parameters
11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008
12.1.	Toxicity
12.2.	Persistence and degradability

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation 29 CFR 1910.1200

Classification according to Regulation 29 CFR 1910.1200-:

The mixture is classified as not hazardous according to regulation 29 CFR 1910.1200-.

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

Hazard statements		
H302	Harmful if swallowed.	
H319	Causes serious eye irritation.	
H412	Harmful to aquatic life with long lasting effects.	

16.6. Training advice

No data available

16.7. Additional information

^{*} Data changed compared with the previous version