

Revision date 06/03/2025

Revision Number 1

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

### 1.1. Product identifier

<b>Product Name</b>	ECONOMY SHAMPOO GREEN
<b>Product Code(s)</b>	NQA2502, HAPP0145A
<b>Safety data sheet number</b>	000063
<b>Unique Formula Identifier (UFI)</b>	CD50-705H-6005-RP0D
<b>Pure substance/mixture</b>	Mixture

Contains Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts; AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL); 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts; Preventol D2

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

<b>Recommended use</b>	Car Maintenance Product
<b>Uses advised against</b>	No information available

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

<b>Manufacturer</b>	<b>Supplier</b>
Holts Auto Unit 100 Barton Dock Road Manchester United Kingdom M32 0YQ	Holt Lloyd Services, 52 Rue des 40 Mines, 60000 – Allonne, France
<u>For further information, please contact</u>	

Contact Point [www.holtsauto.com](http://www.holtsauto.com)

E-mail address [info@holtsauto.com](mailto:info@holtsauto.com)

### 1.4. Emergency telephone number

Emergency Telephone Holt Lloyd International: UK - 00 44 (0) 161 866 4800 Office Hours - Mon - Thurs: 8am - 5pm. Fri - 8am - 1pm.  
00 44 (0) 161 886 4806 (24 Hour Voicemail).

Emergency Telephone - (EC)1272/2008	
<b>Europe</b>	<b>Europe: 00 44 (0) 161 866 4800 Office Hours - Mon - Thurs: 8am - 5pm. Fri - 8am - 1pm. 00 44 (0) 161 886 4806 (24 Hour Voicemail).</b>
<b>Austria</b>	+43 1 31304 5620; chemikalien@umweltbundesamt.at
<b>Belgium</b>	+3270245245; info@poisoncentre.be
<b>Czech Republic</b>	Toxikologické informační středisko v Praze Na Bojišti 1, 120 00 Praha 2 Tel: +420 224 919 293

France	+33 (0)3 64 99 00 32 Heures de travail - Lundi- Vendredi: 8am- 5pm. (Messagerie vocale 24 heures sur 24)
Hungary	Az Egészségügyi Toxikológiai Tájékoztató Szolgálat elérhetőségei Levelezési cím: 1097 Budapest, Nagyvárad tér 2. (+36-80) 201-199
Ireland	+353 (1) 809 2166 / +353 (1) 809 2566; chemicalsinfo@beaumont.ie
Slovakia	Národné toxikologické informačné centrum, Klinika pracovného lekárstva a toxikológie LF UK, Limbová 5, 833 05 Bratislava. Tel.: 02/5477 4166.
United Kingdom	Public Emergency Contact: +44 111 Medical Professional use only: +44 344 892 0111

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Category 1

Serious eye damage/eye irritation	Category 1 - (H318)
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### 2.2. Label elements

Contains Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts; AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL); 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts; Preventol D2



### Signal word

Danger

### Hazard statements

H318 - Causes serious eye damage

### Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P280 - Wear eye and face 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.

P310 - Immediately call a POISON CENTER or doctor.

P501 - Dispose of contents/containers in accordance with local regulations.

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

Aliphatic hydrocarbons, Amphoteric surfactants, Anionic Surfactant, Non-ionic surfactants	< 5%
Parfum, Preventol D2	

### Unknown aquatic toxicity

Contains 0.48191 % of components with unknown hazards to the aquatic environment.

### 2.3. Other hazards

Causes mild skin irritation.

### Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts 68891-38-3	1 - <2.5%	01-2119488639-16-0000	-	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	-	-	-
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYE THYL) 68155-07-7	1 - <2.5%	01-2119490100-53-0000	268-935-9	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411)	-	-	-
1-Propanaminium, 3-amino-N-(carboxy methyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	1 - <2.5%	01-2119488533-30-0000	308-107-7	Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	-	-	-
Preventol D2 14548-60-8	0.025 - <0.25%	No data available	238-588-8	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) STOT SE 3 (H335)	-	-	-

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE<sub>mix</sub>) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts 68891-38-3	No data available	2001	No data available	No data available	No data available
Preventol D2 14548-60-8	1500	1100	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Get immediate medical attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

<b>Symptoms</b>	Burning sensation. Prolonged contact may cause redness and irritation.
<b>Effects of Exposure</b>	No information available.

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

<b>Note to doctors</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.

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

<b>Specific hazards arising from the chemical</b>	No information available.
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### 5.3. Advice for firefighters

<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Storage class (TRGS 510)** LGK 10.

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

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Exposure Limits**

Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Preventol D2 14548-60-8	-	-	skin sensitizer	-	-

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL) - Workers**

Chemical name	Oral	Dermal	Inhalation
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts 68891-38-3	-	2750 mg/kg bw/day [4] [6] 132 µg/cm2 [5] [6]	175 mg/m <sup>3</sup> [4] [6]
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) 68155-07-7	-	4.16 mg/kg bw/day [4] [6] 93.6 µg/cm2 [5] [6]	73.4 mg/m <sup>3</sup> [4] [6]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	-	12.5 mg/kg bw/day [4] [6]	44 mg/m <sup>3</sup> [4] [6]
1,2,3-Propanetriol 56-81-5	-	-	56 mg/m <sup>3</sup> [5] [6]
Sodium chloride 7647-14-5	-	295.52 mg/kg bw/day [4] [6] 295.52 mg/kg bw/day [4] [7]	2068.62 mg/m <sup>3</sup> [4] [6] 2068.62 mg/m <sup>3</sup> [4] [7]
Citral 5392-40-5	-	1.7 mg/kg bw/day [4] [6] 140 µg/cm2 [5] [6]	9 mg/m <sup>3</sup> [4] [6]
1,3,6-Pyrenetrisulfonic acid, 8-hydroxy-, trisodium salt 6358-69-6	-	30 µg/kg bw/day [4] [6]	16.4 mg/m <sup>3</sup> [4] [6]
Linalool 78-70-6	-	2.5 mg/kg bw/day [4] [6] 5 mg/kg bw/day [4] [7] 3 mg/cm2 [5] [6] 3 mg/cm2 [5] [7]	2.8 mg/m <sup>3</sup> [4] [6] 16.5 mg/m <sup>3</sup> [4] [7]
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- 1222-05-5	-	60 mg/kg bw/day [4] [6]	22 mg/m <sup>3</sup> [4] [6]
Citronellol 106-22-9	-	327.4 mg/kg bw/day [4] [6] 2950 µg/cm2 [5] [7]	161.6 mg/m <sup>3</sup> [4] [6] 10 mg/m <sup>3</sup> [5] [6] 10 mg/m <sup>3</sup> [5] [7]
6-Octenal, 3,7-dimethyl- 106-23-0	-	1.7 mg/kg bw/day [4] [6] 140 µg/cm2 [5] [6]	9 mg/m <sup>3</sup> [4] [6]

**Notes**

- [4] Systemic health effects.
- [5] Local health effects.
- [6] Long term.
- [7] Short term.

**Derived No Effect Level (DNEL) - General Public**

Chemical name	Oral	Dermal	Inhalation
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts 68891-38-3	15 mg/kg bw/day [4] [6]	79 µg/cm2 [5] [6]	52 mg/m <sup>3</sup> [4] [6]
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)	6.25 mg/kg bw/day [4] [6]	56.2 µg/cm2 [5] [6]	21.73 mg/m <sup>3</sup> [4] [6]

Chemical name	Oral	Dermal	Inhalation
68155-07-7			
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	7.5 mg/kg bw/day [4] [6]	-	13.04 mg/m <sup>3</sup> [4] [6]
1,2,3-Propanetriol 56-81-5	229 mg/kg bw/day [4] [6]	-	33 mg/m <sup>3</sup> [5] [6]
Sodium chloride 7647-14-5	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	443.28 mg/m <sup>3</sup> [4] [6] 443.28 mg/m <sup>3</sup> [4] [7]
Citral 5392-40-5	0.6 mg/kg bw/day [4] [6]	140 µg/cm <sup>2</sup> [5] [6]	2.7 mg/m <sup>3</sup> [4] [6]
1,3,6-Pyrenetrisulfonic acid, 8-hydroxy-, trisodium salt 6358-69-6	1.67 mg/kg bw/day [4] [6]	-	2.9 mg/m <sup>3</sup> [4] [6]
Linalool 78-70-6	0.2 mg/kg bw/day [4] [6] 1.2 mg/kg bw/day [4] [7]	2.5 mg/kg bw/day [4] [6] 2.5 mg/kg bw/day [4] [7] 1.5 mg/cm <sup>2</sup> [5] [6] 1.5 mg/cm <sup>2</sup> [5] [7]	0.7 mg/m <sup>3</sup> [4] [6] 4.1 mg/m <sup>3</sup> [4] [7]
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- 1222-05-5	3.8 mg/kg bw/day [4] [6]	-	6.5 mg/m <sup>3</sup> [4] [6]
Citronellol 106-22-9	13.8 mg/kg bw/day [4] [6]	2950 µg/cm <sup>2</sup> [5] [7]	47.8 mg/m <sup>3</sup> [4] [6] 10 mg/m <sup>3</sup> [5] [6] 10 mg/m <sup>3</sup> [5] [7]
6-Octenal, 3,7-dimethyl- 106-23-0	0.6 mg/kg bw/day [4] [6]	140 µg/cm <sup>2</sup> [5] [6]	2.7 mg/m <sup>3</sup> [4] [6]

**Notes**

- [4] Systemic health effects.
- [5] Local health effects.
- [6] Long term.
- [7] Short term.

**Predicted No Effect Concentration (PNEC)**

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydr oxy-, C12-14-alkyl ethers, sodium salts 68891-38-3	0.24 mg/L	0.071 mg/L	0.024 mg/L	-	-
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) 68155-07-7	0.007 mg/L	0.024 mg/L	0.0007 mg/L	-	-
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	0.0135 mg/L	-	0.00135 mg/L	-	-
1,2,3-Propanetriol	0.885 mg/L	8.85 mg/L	0.0885 mg/L	-	-

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
56-81-5					
Sodium chloride 7647-14-5	5 mg/L	-	-	-	-
Citral 5392-40-5	0.00678 mg/L	0.0678 mg/L	0.000678 mg/L	-	-
1,3,6-Pyrenetrisulfonic acid, 8-hydroxy-, trisodium salt 6358-69-6	0.1 mg/L	1 mg/L	10 µg/L	0.1 mg/L	-
Linalool 78-70-6	0.2 mg/L	2 mg/L	0.02 mg/L	-	-
Cyclopenta[g]-2-benzopyra n, 1,3,4,6,7,8-hexahydro-4,6, 6,7,8,8-hexamethyl- 1222-05-5	4.4 µg/L	30 µg/L	0.44 µg/L	-	-
4,7-Methano-1H-indenol, 3a,4,5,6,7,7a-hexahydro-, propanoate 68912-13-0	91 µg/L	-	9.1 µg/L	-	-
Citronellol 106-22-9	0.0024 mg/L	0.024 mg/L	0.00024 mg/L	-	-
6-Octenal, 3,7-dimethyl- 106-23-0	0.00868 mg/L	0.0868 mg/L	0.00087 mg/L	-	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydr oxy-, C12-14-alkyl ethers, sodium salts 68891-38-3	0.9168 mg/kg sediment dw	0.0917 mg/kg sediment dw	10 g/L	7.5 mg/kg soil dw	-
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL) 68155-07-7	0.195 mg/kg sediment dw	0.0195 mg/kg sediment dw	830 mg/L	0.0348 mg/kg soil dw	-
1-Propanaminium, 3-amino-N-(carboxymethyl )-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	11.1 mg/kg sediment dw	1.11 mg/kg sediment dw	3000 mg/L	0.85 mg/kg soil dw	-
1,2,3-Propanetriol 56-81-5	3.3 mg/kg sediment dw	0.33 mg/kg sediment dw	1000 mg/L	0.141 mg/kg soil dw	-
Sodium chloride 7647-14-5	-	-	500 mg/L	4.86 mg/kg soil dw	-
Citral 5392-40-5	0.125 mg/kg sediment dw	0.0125 mg/kg sediment dw	1.6 mg/L	0.0209 mg/kg soil dw	-
1,3,6-Pyrenetrisulfonic acid, 8-hydroxy-, trisodium salt 6358-69-6	2.06 mg/kg sediment dw	0.206 mg/kg sediment dw	-	0.353 mg/kg soil dw	-
Linalool	2.22 mg/kg	0.222 mg/kg	10 mg/L	0.327 mg/kg soil dw	7.8 mg/kg food

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
78-70-6	sediment dw	sediment dw			
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6, 6,7,8,8-hexamethyl- 1222-05-5	2 mg/kg sediment dw	0.394 mg/kg sediment dw	1 mg/L	0.31 mg/kg soil dw	3.3 mg/kg food
4,7-Methano-1H-indenol, 3a,4,5,6,7,7a-hexahydro-, propanoate 68912-13-0	12.2 mg/kg sediment dw	1.22 mg/kg sediment dw	4.8 mg/L	4.4 mg/kg soil dw	-
Citronellol 106-22-9	0.0256 mg/kg sediment dw	0.00256 mg/kg sediment dw	580 mg/L	0.00371 mg/kg soil dw	-
6-Octenal, 3,7-dimethyl- 106-23-0	0.159 mg/kg sediment dw	0.0159 mg/kg sediment dw	4 mg/L	0.0267 mg/kg soil dw	-

## 8.2. Exposure controls

<b>Engineering controls</b>	No information available.
<b>Personal protective equipment</b>	
<b>Eye/face protection</b>	Tight sealing safety goggles.
<b>Hand protection</b>	Wear suitable gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.
<b>Environmental exposure controls</b>	No information available.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Colour</b>	green
<b>Odour</b>	Lemon.
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	No data available	None known
<b>Flammability</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	

Flash point	> 100 °C	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	8.56	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	21.96cP	None known
Dynamic viscosity	No data available	None known
Water solubility	Soluble in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	1.007 @ 20°C	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

**9.2. Other information**

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Reactivity No information available.

**10.2. Chemical stability**

Stability Stable under normal conditions.

**Explosion data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions None under normal processing.

**10.4. Conditions to avoid**

Conditions to avoid None known based on information supplied.

**10.5. Incompatible materials**

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

**10.6. Hazardous decomposition products**

Hazardous decomposition products None known based on information supplied.

**SECTION 11: Toxicological information**

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

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Causes mild skin irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	Redness. Burning. May cause blindness. Prolonged contact may cause redness and irritation.
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**Acute toxicity**

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	99,999.00 mg/kg
<b>ATEmix (dermal)</b>	136,839.20 mg/kg
<b>ATEmix (inhalation-gas)</b>	99,999.00 ppm
<b>ATEmix (inhalation-vapour)</b>	99,999.00 mg/l
<b>ATEmix (inhalation-dust/mist)</b>	99,999.00 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	-	> 2000 mg/kg ( Rat )	-
Preventol D2	1500	1100	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Causes mild skin irritation.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes burns. Causes serious eye damage.
<b>Respiratory or skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**11.2.2. Other information**

**Other adverse effects** No information available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity**

**Unknown aquatic toxicity** Contains 0.48191 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)	-	LC50: =2.4mg/L (96h, Oncorhynchus mykiss)	-	-

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation**

**Component Information**

Chemical name	Partition coefficient
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	0.3
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)	4.84

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment**                      The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	The substance is not PBT / vPvB
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-BIS(HYDROXYETHYL)	The substance is not PBT / vPvB
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts	The substance is not PBT / vPvB

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties**                      No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste from residues/unused products**                      Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging**                      Do not reuse empty containers.

**SECTION 14: Transport information**

**IATA**

- 14.1 UN number or ID number                      Not regulated
- 14.2 UN proper shipping name                      Not regulated
- 14.3 Transport hazard class(es)                      Not regulated
- 14.4 Packing group                      None
- 14.5 Environmental hazards                      Not applicable
- 14.6 Special precautions for user
- Special Provisions                      None

**IMDG**

- 14.1 UN number or ID number                      Not regulated
- 14.2 UN proper shipping name                      Not regulated
- 14.3 Transport hazard class(es)                      Not regulated
- 14.4 Packing group                      None
- 14.5 Environmental hazards                      Not applicable
- 14.6 Special precautions for user
- Special Provisions                      None
- 14.7 Maritime transport in bulk according to IMO instruments                      No information available

**RID**

- 14.1 UN number or ID number                      Not regulated
- 14.2 UN proper shipping name                      Not regulated
- 14.3 Transport hazard class(es)                      Not regulated
- 14.4 Packing group                      None

14.5 Environmental hazards Not applicable  
 14.6 Special precautions for user  
     Special Provisions None

**ADR**

14.1 UN number or ID number Not regulated  
 14.2 UN proper shipping name Not regulated  
 14.3 Transport hazard class(es) Not regulated  
 14.4 Packing group None  
 14.5 Environmental hazards Not applicable  
 14.6 Special precautions for user  
     Special Provisions None

**SECTION 15: Regulatory information**

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

**National regulations**

**Germany**

Water hazard class (WGK) slightly hazardous to water (WGK 1)

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**Biocidal Products Regulation (EU) No 528/2012 (BPR)**

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Preventol D2 - 14548-60-8	Product-type 6: Preservatives for products during storage Product-type 13: Working or cutting fluid preservatives

**International Inventories**

TSCA Contact supplier for inventory compliance status  
 DSL/NDL Contact supplier for inventory compliance status  
 EINECS/ELINCS Contact supplier for inventory compliance status  
 ENCS Contact supplier for inventory compliance status  
 IECSC Contact supplier for inventory compliance status  
 KECL Contact supplier for inventory compliance status  
 PICCS Contact supplier for inventory compliance status

**AIIC** Contact supplier for inventory compliance status  
**NZIoC** Contact supplier for inventory compliance status

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

**SECTION 16: Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H411 - Toxic to aquatic life with long lasting effects  
H412 - Harmful to aquatic life with long lasting effects

**Legend**

SVHC: Substances of Very High Concern for Authorisation:

**Legend Section 8: Exposure controls/personal protection**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
Ceiling Maximum limit value \* Skin designation  
+ Sensitisers

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method

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Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 06/03/2025

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**

**Disclaimer**

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**End of Safety Data Sheet**