



# SAFETY DATA SHEET

(revision) date 02-Jun-2016

Version 2

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

### 1.1. Product identifier

**Product Code** ECOVER17  
**Product Name** Toilet Cleaner Pine & Mint  
**Internal Code** 3000711  
**Pure substance/mixture** Mixture

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

**Recommended Use** Consumer use  
**Uses advised against** No information available

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

**Company Name**  
ECOVER CO-ORDINATION CENTER  
Steenovenstraat 1A  
2390 Malle Belgium  
Phone: +32 (0)3 309 2500  
Fax: +32 (0)3 311 7270

**Responsible for placing on the market**  
See Company Name

**E-mail address** sds@ecover.com

### 1.4. Emergency telephone number

Emergency Telephone - §45 - (EC)1272/2008	
Austria	+43 1 406 43 43
Belgium	+32 (0)70 245 245 (Antipoison Centre Belgium)
Denmark	+45 82 12 12 12
Finland	(09) 471 977 MYRKYTYSTIETOKESKUS (24 H)
France	+ 33 (0)1 45 42 59 59 - Orfila (24h)
Germany	Giftnotruf Berlin: 030 30686 790 (24h)
Netherlands	030-2748888 (National Poisons Information Center (NVIC)) Only for the purpose of informing medical personnel in cases of acute intoxications
Portugal	808 250 143 - CIAV
Spain	+ 34 91 562 04 20
Switzerland	STIZ (Tox-Zentrum) CH Zürich: 145/ +41 44 251 51 51 (24h/7)
United Kingdom	03451 302230 - UK customer careline
Slovenia	+800 505 25 052 +32 898 60 540
Czech Republic	Toxikologické informační středisko, Na Bojišti 1, 120 00 Praha 2, Telefon: +420 224 919 293, +420 224 915 402
Slovakia	24 - hodinová konzultačná služba pri akútnych intoxikáciách: +421 2 5477 4166
Hungary	Magyarország 06 80 201-199 (ETTSZ)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

According to Regulation (EC) n° 1272/2008 (CLP):  
Not classified

**2.2. Label elements**

According to Regulation (EC) n° 1272/2008 (CLP):

Not classified

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

P102 - Keep out of reach of children

**2.3. Other hazards**

None under normal use conditions.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical Name	EC No	CAS-No	Percent	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Citric acid monohydrate	201-069-1	5949-29-1	1-5	Xi; R36	Eye Irrit. 2 (H319)	01-2119457026-42
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	600-975-8	110615-47-9	1-5	Xi; R38-41	Eye Dam.1 (H318) Skin Irrit. 2 (H315)	01-2119489418-23
(R)-p-mentha-1,8-diene	227-813-5	5989-27-5	0.01-0.1	R10 Xi; R38-43 N; R50/53	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226)	01-2119529223-47

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

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice
<b>Skin Contact</b>	Wash off immediately with plenty of water.
<b>Ingestion</b>	Clean mouth with water and drink plenty of water. Do NOT induce vomiting. Get medical attention
<b>Inhalation</b>	Remove to fresh air.

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

See section 2 for more information. See section 11 for more information.

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

**Note to physicians** Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable Extinguishing Media**

None

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

None known

**5.3. Advice for firefighters****Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes.

**6.2. Environmental precautions**

Avoid release to the environment.

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

Recover usable material in a clean closable container for reuse. Sweep up contaminated material and dispose of as chemical waste. Remove the remainder with water.

**6.4. Reference to other sections**

SECTION 8: Exposure controls/personal protection

SECTION 12: Ecological information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes.

Ensure adequate ventilation, especially in confined areas

Use personal protection recommended in Section 8

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

Keep out of the reach of children.

Keep container tightly closed in a dry and well-ventilated place

Do not store <0°C and >40°C.

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

No data available.

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

**8.1. Control parameters**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
(R)-p-mentha-1,8-diene			TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>		TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m <sup>3</sup> Skin

Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
(R)-p-mentha-1,8-diene				HTP8h: 25 ppm HTP8h: 140 mg/m <sup>3</sup> HTP15min: 50 ppm HTP15min: 280 mg/m <sup>3</sup>	

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
(R)-p-mentha-1,8-diene		STEL: 14 ppm STEL: 80 mg/m <sup>3</sup> TWA: 7 ppm TWA: 40 mg/m <sup>3</sup>		TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 25 ppm STEL: 140 mg/m <sup>3</sup>	

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls**

**Engineering Controls** None under normal use conditions.

**Personal protective equipment****Eye/face protection**

Wear safety goggles when clearing accidentally released material.

**Hand Protection**

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Skin protection**

Suitable protective clothing. Apron. Gloves made of plastic or rubber.

**Environmental exposure controls** No information available.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**Physical State** Liquid

**Odor** fresh

**Color** white

**Property****Values****Remarks • Method**

pH

3

**Melting point / freezing point**

No information available

**Boiling point / boiling range**

No information available

**Flash Point**

> 100

**Evaporation rate**

No information available

**Flammability (solid, gas)**

No information available

**Flammability Limit in Air**

No information available

Upper Flammability Limit

No information available

Lower flammability limit

No information available

**Vapor pressure**

No information available

**Vapor density**

No information available

**Relative density**

1.021 kg/l

**Water solubility**

No information available

**Solubility(ies)**

No information available

**Partition coefficient**

No information available

**Autoignition temperature**

No information available

<b>Decomposition temperature</b>		No information available
<b>Kinematic viscosity</b>	2500 cP	
<b>Dynamic viscosity</b>		
<b>Explosive properties</b>	Not applicable	
<b>Oxidizing properties</b>	None	
<b>9.2. Other information</b>		
<b>VOC Content (%)</b>	0.27	

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not expected

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

See section 7 for more information

### 10.5. Incompatible materials

Do not mix with other cleaning products.

### 10.6. Hazardous decomposition products

None under normal use conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
(R)-p-mentha-1,8-diene	= 4400 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	

<b>Irritation</b>	No known effect
<b>Respiratory or skin sensitization</b>	No known effect
<b>Carcinogenicity</b>	No known effect.
<b>Reproductive toxicity</b>	No known effect.
<b>Germ cell mutagenicity</b>	No known effect.
<b>Specific target organ toxicity (single exposure)</b>	No known effect
<b>Specific target organ toxicity (repeated exposure)</b>	No known effect
<b>Aspiration hazard</b>	No known effect

**Target Organ Effects** No known effect.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Product**

**EC50/48h/daphnia**

No data available

**Ingredients**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
(R)-p-mentha-1,8-diene		35: 96 h Oncorhynchus mykiss mg/L LC50 0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through	

### 12.2. Persistence and degradability

This product doesn't contain any persistent substances

The surface active components used in this product fulfill all of the biodegradability requirements of EC regulation 648/2004 (Detergents Regulation)

The surface active components used in this product are anaerobically biodegradable.

### 12.3. Bioaccumulative potential

This product does not contain any bioaccumulating substances.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)

This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

### 12.6. Other adverse effects

This product does not contain PCM or nitromusk perfume components.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General**

Disposal should be in accordance with applicable regional, national and local laws and regulations

## SECTION 14: Transport information

**ADR** Not regulated

**IMDG** Not regulated

**RID** Not regulated

**IATA** Not regulated

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Ensure all national/local regulations are observed

Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:

non-ionic surfactants	< 5%
parfum, Limonene	

**15.2. Chemical safety assessment**

No information available

**SECTION 16: Other information****Full text of H-Statements referred to under sections 2 and 3**

H318 - Causes serious eye damage

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H317 - May cause an allergic skin reaction

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H226 - Flammable liquid and vapor

**Classification procedure**

Calculation method

**Revision Note**

SDS sections updated, 1, 9, 15.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet