



SAFETY DATA SHEET

(revision) date 16-Mar-2015

Version 1

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

1.1. Product identifier

Product Code ECOVER43
Product Name Bathroom Cleaner
Internal Code 3000650
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
D-Glucopyranose, oligomers, decyl octyl glycosides	500-220-1	68515-73-1	1-5	Xi; R41	Eye Dam 1 (H318)	01-2119488530-36
Citric acid monohydrate	201-069-1	5949-29-1	1-5	Xi; R36	Eye Irrit. 2 (H319)	01-2119457026-42
Phenoxyethanol	204-589-7	122-99-6	0.1-1	Xn; R22-36	Acute Tox. 4 (H302) Eye Irrit. 2 (H319)	01-2119488943-21
Ethanol	200-578-6	64-17-5	0.1-1	F; R11	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)	01-2119457610-43
(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**

General advice	If symptoms persist, call a physician.
Eye Contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Skin Contact	Wash off immediately with plenty of water.
Ingestion	Clean mouth with water and drink plenty of water. Do NOT induce vomiting. Get medical attention
Inhalation	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
Phenoxyethanol					TWA: 20 ppm TWA: 110 mg/m ³ Ceiling / Peak: 40 ppm Ceiling / Peak: 220 mg/m ³ Skin
Ethanol		STEL: 3000 ppm STEL: 5760 mg/m ³ TWA: 1000 ppm TWA: 1920 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³ STEL: 5000 ppm STEL: 9500 mg/m ³	STEL: 1000 ppm STEL: 1910 mg/m ³	TWA: 500 ppm TWA: 960 mg/m ³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m ³ Skin
(R)-p-mentha-1,8-diene			TWA: 1000 mg/m ³ STEL: 1500 mg/m ³		TWA: 5 ppm TWA: 28 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m ³ Skin

Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Phenoxyethanol				HTP8h: 20 ppm HTP8h: 110 mg/m ³ HTP15min: 50 ppm HTP15min: 290 mg/m ³ Skin	
Ethanol		TWA: 1000 ppm	Skin STEL: 1900 mg/m ³ TWA: 260 mg/m ³	HTP8h: 1000 ppm HTP8h: 1900 mg/m ³ HTP15min: 1300 ppm HTP15min: 2500 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³
(R)-p-mentha-1,8-diene				HTP8h: 25 ppm HTP8h: 140 mg/m ³ HTP15min: 50 ppm HTP15min: 280 mg/m ³	

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Phenoxyethanol	Skin STEL 20 ppm STEL 110 mg/m ³ TWA: 20 ppm TWA: 110 mg/m ³ Ceiling 20 ppm Ceiling 110 mg/m ³	Skin STEL: 40 ppm STEL: 220 mg/m ³ TWA: 20 ppm TWA: 110 mg/m ³	TWA: 230 mg/m ³		
Ethanol	STEL 2000 ppm STEL 3800 mg/m ³ TWA: 1000 ppm TWA: 1900 mg/m ³	STEL: 1000 ppm STEL: 1920 mg/m ³ TWA: 500 ppm TWA: 960 mg/m ³	TWA: 1900 mg/m ³	TWA: 500 ppm TWA: 950 mg/m ³ STEL: 500 ppm STEL: 950 mg/m ³	STEL: 1000 ppm
(R)-p-mentha-1,8-diene		STEL: 14 ppm STEL: 80 mg/m ³ TWA: 7 ppm TWA: 40 mg/m ³		TWA: 25 ppm TWA: 140 mg/m ³ STEL: 25 ppm STEL: 140 mg/m ³	

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 Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State Liquid
Odor fresh
Color colorless

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	3.75	
Melting point / freezing point		No information available
Boiling point / boiling range		No information available
Flash Point	55-100 °C	
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	1.031 kg/l	
Water solubility		No information available
Solubility(ies)	completely soluble	
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity	6.6 cP	
Dynamic viscosity		
Explosive properties	Not applicable	
Oxidizing properties	No information available	

9.2. Other information

VOC Content (%) 0,29

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
Phenoxyethanol	= 1260 mg/kg (Rat)	= 5 mL/kg (Rabbit)	
Ethanol	= 7060 mg/kg (Rat)		= 124.7 mg/L (Rat) 4 h
(R)-p-mentha-1,8-diene	= 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	

Irritation No known effect

Respiratory or skin sensitization No known effect

Carcinogenicity No known effect.

Reproductive toxicity No known effect.

Germ cell mutagenicity No known effect.

Specific target organ toxicity (single exposure) No known effect

Specific target organ toxicity (repeated exposure) No known effect

Aspiration hazard No known effect

Target Organ Effects No known effect.

SECTION 12: Ecological information

12.1. Toxicity

Product
EC50/48h/daphnia

917 Moderately toxic

Ingredients

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Phenoxyethanol	500: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	220 - 460: 96 h <i>Leuciscus idus</i> mg/L LC50 static 337 - 352: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through	500: 48 h <i>Daphnia magna</i> mg/L EC50
Ethanol		100: 96 h <i>Pimephales promelas</i> mg/L LC50 static 12.0 - 16.0: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 13400 - 15100: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through	2: 48 h <i>Daphnia magna</i> mg/L EC50 Static 9268 - 14221: 48 h <i>Daphnia magna</i> mg/L LC50 10800: 24 h <i>Daphnia magna</i> mg/L EC50
(R)-p-mentha-1,8-diene		35: 96 h <i>Oncorhynchus mykiss</i>	

		mg/L LC50 0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through	
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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.

Chemical Name	Partition coefficient
Phenoxyethanol	1.13
Ethanol	-0.32

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:

anionic surfactants, non-ionic surfactants	< 5%
parfum, PHENOXYETHANOL, 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**

H302 - Harmful if swallowed

H319 - Causes serious eye irritation

H315 - Causes skin 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

H225 - Highly flammable liquid and vapor

Classification procedure

Calculation method

Revision Note

First version of this SDS in this format.

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