



# SAFETY DATA SHEET

(revision) date 08-Jul-2016

Version 2

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

### 1.1. Product identifier

**Product Code** ECOVER64  
**Product Name** Laundry liquid  
**Internal Code** 3000687  
**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
Ethanol	200-578-6	64-17-5	5-10	F; R11	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)	01-2119457610-43
Alcohols, C12-18, ethoxylated	500-201-8	68213-23-0	1-5	Xn; R22 Xi; R41	Eye Dam. 1 (H318) Acute Tox. 4 (H302) Aquatic Chronic 3 (H412)	No data available
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	287-809-4	85586-07-8	1-5	Xn;R22 Xi; R38-41	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	01-2119489463-28-0 007/01-21194894663-28-0006
Potassium oleate	205-590-5	143-18-0	1-5	Xi; R36/38	Eye Irrit. 2 (H319)	No data available
(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>	Do NOT induce vomiting. Clean mouth with water and drink plenty of water. 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**

Alcohol resistant foam  
Water spray (fog)  
Carbon dioxide (CO2)

##### **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 for fire fighting if necessary.

### **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**

Ensure adequate ventilation, especially in confined areas  
Avoid contact with eyes.  
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
Ethanol		STEL: 3000 ppm STEL: 5760 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	STEL: 1000 ppm STEL: 1910 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup> Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m <sup>3</sup> Skin
(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
Ethanol		TWA: 1000 ppm	Skin STEL: 1900 mg/m <sup>3</sup> TWA: 260 mg/m <sup>3</sup>	HTP8h: 1000 ppm HTP8h: 1900 mg/m <sup>3</sup> HTP15min: 1300 ppm HTP15min: 2500 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
(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
Ethanol	STEL 2000 ppm STEL 3800 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	STEL: 1000 ppm STEL: 1920 mg/m <sup>3</sup> TWA: 500 ppm TWA: 960 mg/m <sup>3</sup>	TWA: 1900 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 950 mg/m <sup>3</sup> STEL: 500 ppm STEL: 950 mg/m <sup>3</sup>	STEL: 1000 ppm
(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** 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

<b>Physical State</b>	Liquid	
<b>Odor</b>	lavender	
<b>Color</b>	white; yellow	
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>pH</b>	8.75	
<b>Melting point / freezing point</b>		No information available
<b>Boiling point / boiling range</b>		No information available
<b>Flash Point</b>	60-100 °C	
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limit in Air</b>		No information available
<b>Upper Flammability Limit</b>		No information available
<b>Lower flammability limit</b>		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Relative density</b>	1.032 kg/l	
<b>Water solubility</b>		No information available
<b>Solubility(ies)</b>		No information available
<b>Partition coefficient</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Kinematic viscosity</b>	50 cP	
<b>Dynamic viscosity</b>		
<b>Explosive properties</b>	Not applicable	
<b>Oxidizing properties</b>	No information available	
<b>9.2. Other information</b>		
<b>VOC Content (%)</b>	6.06	

## 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

Acids  
Strong oxidizing agents

### 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
Ethanol	= 7060 mg/kg ( Rat )		= 124.7 mg/L ( Rat ) 4 h
Alcohols, C12-18, ethoxylated		= 2500 mg/kg ( Rabbit )	
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	> 1000 mg/kg ( Rat )		
Potassium oleate	> 5 g/kg ( Rat )	> 2 g/kg ( Rat )	
(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
<b>Target Organ Effects</b>	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
Ethanol		100: 96 h Pimephales promelas mg/L LC50 static 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	2: 48 h Daphnia magna mg/L EC50 Static 9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts		2.5: 96 h Pimephales promelas mg/L LC50 10 - 100: 96 h Brachydanio rerio mg/L LC50 static	2.8: 48 h Daphnia magna mg/L EC50
(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.

Chemical Name	Partition coefficient
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:

non-ionic surfactants	5 - 15%
anionic surfactants, soap	< 5%
parfum, LINALOOL, Limonene, CITRONELLOL	

#### 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  
H225 - Highly flammable liquid and vapor  
H302 - Harmful if swallowed  
H412 - Harmful to aquatic life with long lasting effects

**Classification procedure**

Skin: not classified (calculation method)  
Eye: not classified (Detnet logging number 1144)

**Revision Note**

SDS sections updated, 1, 2, 3, 9, 11, 15.

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

**Disclaimer**

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**End of Safety Data Sheet**