



# SAFETY DATA SHEET

(revision) date 13-Apr-2015

Version 1

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

### 1.1. Product identifier

Product Code ECOVER13  
Product Name Rinse aid  
Internal Code 3000111  
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	
Belgium	+32 (0)70 245 245 (Antipoison Centre Belgium)
Denmark	+45 82 12 12 12
Finland	09 471977
France	+ 33 (0)1 45 42 59 59 - Orfila (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	+41 44 251 51 51 - Toxikologisches Institut Zürich
United Kingdom	03451 302230 - UK customer careline
Slovenia	+800 505 25 052 +32 898 60 540
Hungary	06-80-20-11-99 - Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSz)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation	Category 2
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### 2.2. Label elements

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



**Signal word**

Warning

**Hazard statements**

H319 - Causes serious eye irritation

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

P102 - Keep out of reach of children

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

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

**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	Weight-%	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	5-10	Xi; R36	Eye Irrit. 2 (H319)	01-2119457026-42
Ethanol	200-578-6	64-17-5	1-5	F; R11	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)	01-2119457610-43

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 afterwards 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
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>	TWA: 1000 ppm TWA: 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

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>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 1300 ppm STEL: 2500 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 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: 625 ppm STEL: 1187.5 mg/m <sup>3</sup>	STEL: 1000 ppm

**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.

**Environmental exposure controls** No information available.**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Odor</b>	characteristic
<b>Color</b>	light brown

Property	Values	Remarks • Method
pH	2.5	
Melting point / freezing point		No information available
Boiling point / boiling range		No information available
Flash Point	55-100	
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	1.028 kg/l	
Water solubility		No information available
Solubility(ies)		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity		No information available
Dynamic viscosity		
Explosive properties	Not Applicable	
Oxidizing properties	No information available	

**9.2. Other information**

VOC Content (%) 1.92

## 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
Ethanol			= 124.7 mg/L ( Rat ) 4 h

**Irritation** Irritating to eyes

**Respiratory or skin sensitization** See section 15 for any sensitizing ingredients

**Carcinogenicity** Not expected.

**Reproductive toxicity** Not expected.

**Germ cell mutagenicity** Not expected.

**Specific target organ toxicity (single exposure)** Not expected

**Specific target organ toxicity (repeated exposure)** Not expected

**Aspiration hazard** Not expected

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Product

**48h EC50 (daphnia - mg/l)**

No data available

#### Ingredients

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ethanol		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static

### 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%

### 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

### Full text of H-Statements referred to under sections 2 and 3

H319 - Causes serious eye irritation

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