



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) 471 977 MYRKYTYSTIETOKESKUS (24 H)
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	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):

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
D-Glucopyranose, oligomers, decyl octyl glycosides	500-220-1	68515-73-1	1-5	Xi; R41	Eye Dam 1 (H318)	01-2119488530-36

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
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	TWA: 1000 ppm TWA: 1910 mg/m ³	TWA: 500 ppm TWA: 960 mg/m ³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m ³ Skin

Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
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

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
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: 625 ppm STEL: 1187.5 mg/m ³	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.

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 characteristic
Color 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

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

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

<u>ADR</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>IATA</u>	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%

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

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