

H2**33107115****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : H2
Type of product : Liquid.
Use : For professional use only.
Company identification : Ecover Belgium NV
Industrieweg 3
2390 Malle Belgium
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Phone : +32 (0)3 309 25 00
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Emergency phone nr : +32 (0)70 245 245 (Antipoison Centre Belgium)
Responsible for placing on the market : See address above.

2. HAZARDS IDENTIFICATION

Hazards identification : Not classified as dangerous product.
Symptoms relating to use
- **Inhalation** : None under normal conditions.
- **Skin contact** : Prolonged or repeated contact may cause skin to become dry or irritated.
- **Eye contact** : Slight eye irritant.
- **Ingestion** : Abdominal pain.
Diarrhea.
Nausea.
Vomiting.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.
Components : This product is not hazardous but contains hazardous components.
Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:

Substance name	Contents	CAS No	EC No	Index No	Classification
Lactic acid	: Between 1 and 10 %	79-33-4	201-196-2	----	Xi: R37/38-41

INCI : LACTIC ACID

4. FIRST AID MEASURES

First aid measures
- **Inhalation** : Not relevant.
- **Skin contact** : Rinse affected area thoroughly with water to remove concentrated product.
Remove contaminated clothing.
- **Eye contact** : Rinse immediately with plenty of water.
Seek medical attention if ill effect or irritation develops.
- **Ingestion** : Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own.
Seek medical attention if ill effect develops.

H2**33107115****4. FIRST AID MEASURES (continued)**

Note to physician : No specific recommendations.
Workplace equipment : No specific recommendations.

5. FIRE-FIGHTING MEASURES

Specific hazards : None.
Extinguishing media
- **Suitable extinguishing media** : All extinguishing media can be used.
- **Unsuitable extinguishing media** : None.
Protection against fire : Exercise caution when fighting any chemical fire.
See Heading 8.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Spill area may be slippery.
Avoid contact with skin and eyes.
Equip cleanup crew with proper protection.
See Heading 8.
Environmental precautions : Avoid release to the environment.
Clean up methods : 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.

7. HANDLING AND STORAGE

Protection against fire : Not expected to be a fire/explosion hazard under normal conditions of use.
Storage : Store in a cool and frost-free place in a closed packaging.
Handling : Avoid contact with skin and eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection
- **Skin protection** : Wear waterproof gloves when taking up intensively material which is accidentally released.
Wear acid protective clothing when vaporizing or when taking up intensively material which is accidentally released.
- **Eye protection** : Wear acid protective goggles if there is a risk of splashing and when vaporizing.
- **Respiratory protection** : Ensure there is adequate ventilation.
Environment protection see § 6

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Liquid.
Colour : Yellow-brown.
Odour : Citrus fruits.

H2**33107115****9. PHYSICAL AND CHEMICAL PROPERTIES (continued)**

pH value (concentrated product)	: 2.01
Density	: 1,000 kg/l
Viscosity	: 13,2 cP
Solubility in water	: Complete.
Flash point [°C]	: > 100
Volatile Organic Compounds (%)	: 0
Explosion limits	: None.
Oxidising properties	: None.

10. STABILITY AND REACTIVITY

Stability and reactivity	: No decomposition under normal conditions of storage and use.
Conditions to avoid	: Do not store <0°C and >40°C.
Materials to avoid	: Oxidiser. Strong bases.
Hazardous decomposition products	: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Skin irritation (Invitox n°99) (ppm)	: 1732 Slight irritant.
Evaluation of the security for the human health	
- Dermal	: Not or only slightly irritant due to the composition.
- Ocular	: Not or only slightly irritant due to the composition.
- Ingestion	: Relatively harmless (LD 50 rat-oral-theoretical >33000 ppm).
Sensitization	: To the best of our knowledge, this product contains no sensitizing raw materials.
Note	: All ECOVER PROFESSIONAL products contain only ELINCS or EINECS registered raw materials and do not contain any ingredients known to be mutagenic, carcinogenic, teratogenic or reproduction toxic (R45,46,47,49,60,61,63,64, EU 97/ C234, 67/548/EEC, 88/379/EEC, OSHA, NTP, IARC (cat 1-3))

12. ECOLOGICAL INFORMATION

Ecological effects information	
Biodegradation [%] Sapromat respirometry test (OECD 301 F)	: 73 Biodegradable.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: No data available.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 40 Slightly toxic
Remarks	: EcoPro products do not contain any bioaccumulating raw materials, no perfumes and so obviously no PCM or nitromusk perfume components.

H2**33107115****13. DISPOSAL CONSIDERATIONS**

- Product** : Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice (also see § 6 and § 8 when disposing of).
- Packaging** : The empty packaging of this product is not subject to ADR. Cleaned empty packaging (including labels and caps) is fully recyclable (HDPE + PP); they may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as chemical waste.

14. TRANSPORT INFORMATION

- GENERAL INFORMATION** : Not classified.

15. REGULATORY INFORMATION

- R Phrase(s)** : None.
- S Phrase(s)** : None.
- * - : -

16. OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 3)** : R37/38 : Irritating to respiratory system and skin.
R41 : Risk of serious damage to eyes.
- Sources of key data used** : MSDS and additional literature data of the respective suppliers.
Chemical cards, 21th edition, 2006, ed. MIA, VMCI, Samson
Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www
- Revision** : Revision - See : *
- Print date** : 20 / 10 / 2010

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006

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