



MATERIAL SAFETY DATA SHEET

According to Regulation (EC) 1907/2006

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Power cleaner**ECOVER59**

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Power cleaner
Type of product : Liquid.
Use : Domestic.
Company identification : ECOVER BELGIUM NV
Industrieweg 3
2390 Malle Belgique-Belgie
e-mail: : sds@ecover.com
Phone : +32 (0)3 309 25 00
Fax : +32 (0)3 311 72 70
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 : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Ingestion : Headache. Dizziness.
Drowsiness.
Fire hazard : When heated above the flash point, releases flammable vapours.

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:
5% - 15% : - Nonionic surfactants
Perfumes
LIMONENE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Alkyl Poly Glycoside C8-10	: Between 1 and 5 %	68515-73-1	POLYMER	----	Xi; R41
Ethanol	: Between 1 and 5 %	64-17-5	200-578-6	603-002-00-5	F; R11
Perfume	: Between 0.1 and 1 %	----	----	----	Xi; R38 R43 N; R50-53
Limonene (D-)	: Between 0.01 and 0.1 %	5989-27-5	227-813-5	601-029-00-7	R10 Xi; R38 R43 N; R50-53

INCI : CAPRYL GLUCOSIDE
ALCOHOL
PARFUM
LIMONENE

4. FIRST AID MEASURES

First aid measures

ECOVER BELGIUM NV

Industrieweg 3 2390 Malle Belgique-Belgie

Power cleaner**ECOVER59****4. FIRST AID MEASURES (continued)**

- Inhalation : Rest.
Assure fresh air breathing.
- Skin contact : Flush with plenty of water.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : In case of ingestion of large quantities, let the victim drink plenty of water and seek medical attention. Do not induce vomiting!
- Note to physician : No specific recommendations.
- Workplace equipment : No specific recommendations.

5. FIRE-FIGHTING MEASURES

- Extinguishing media**
- Suitable extinguishing media : All extinguishing media can be used.
Alcoholresistant foam.
- Unsuitable extinguishing media : None.
- Protection against fire** : Exercise caution when fighting any chemical fire.
See Heading 8.
- Special procedures** : Cool heat-exposed product with water spray.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Ensure adequate air ventilation.
Ensure a sparkless environment.
Wear proper protective equipment. See Heading 8.
- Environmental precautions** : Avoid release to the environment.
- Clean up methods** : Collect leakage in non-lockable container. Absorb spillage with sand or inert material and transfer to a safe area and dispose of as chemical waste. If desired rinse remainder with water.

7. HANDLING AND STORAGE

- Protection against fire** : Keep away from sparks, open fire and oxidising agents. Above flashpoint (see §9) closed equipment, ventilation, explosion safe electrical equipment.
- Storage** : Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight. Keep out of the reach of children.
- Handling** : Wear suitable gloves in case of frequent contact with undiluted product.
No smoking.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection**
- Skin protection : Wear waterproof gloves (preferably neoprene or nitrile rubber) in case of intensive use or contact with undiluted product.
- Eye protection : No specific recommendations.
- Respiratory protection : Ensure sufficient ventilation when taking up intensively material which is accidentally released.
- Environment protection see § 6**
- Occupational Exposure Limits** : Ethanol : MAC [mg/m³] : 1900
Ethanol : MAC [ppm] : 1000

Power cleaner**ECOVER59****9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state at 20 °C	: Liquid.
Colour	: Brown.
Odour	: Lemon.
pH value (concentrated product)	: 6.25
Density	: 1.01
Solubility in water	: Complete.
Flash point [°C]	: 55-100
Volatile Organic Compounds (%)	: 2.99
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	: Do not use together with other products.
Hazardous decomposition products	: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Eye irritation (RBC test: Mean Indices Ocular Irritancy)	: No data available.
Skin irritation (RBC test: Denaturation Index)	: No data available.
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	: Hardly toxic (LD 50 rat-oral-theoretic >14000 ppm).
Sensitization	: This product contains sensitizing fragrance components > 100 ppm: see § 2 and 15.
Note	: Contains only ELINCS or EINECS registered raw materials and does 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/ARAB (cat 1-3)).

12. ECOLOGICAL INFORMATION

Ecological effects information	
Biodegradation: Coupled Unit test (OECD 303A) %	: 95
EC50 72h Algae (<i>Selenastrum capricornutum</i>) [ppm] (OECD 201)	: No data available.
48 Hour EC50 <i>Daphnia magna</i> [ppm] (OECD 202)	: No data available.
Remarks	: Ecover products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components. The surface active components used in this product fulfill all of the biodegradability requirements of EC regulation 648/2004.

Power cleaner**ECOVER59****13. DISPOSAL CONSIDERATIONS**

- General** : Dispose of this material and its container at hazardous or special waste collection point.
- 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)** : S2 : Keep out of the reach of children.
- EEC Composition of detergents** : 5% - 15% : - Nonionic surfactants
Perfumes
LIMONENE.

16. OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 3)** : R10 : Flammable.
R11 : Highly flammable.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Sources of key data used** : MSDS and additional literature data of the respective suppliers.
Chemical cards, 12th edition, 1997, ed. MIA, VMCI, Samson
Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www
- Revision** : First version of this MSDS in this new format.
- Print date** : 27 / 1 / 2009

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

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