



MATERIAL SAFETY DATA SHEET According to 2001/58EC

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Revised edition no : 3

Date : 28 / 3 / 2008

Supersedes : 5 / 1 / 2006

Glass and surface cleaner

311120002

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

Trade name : Glass and surface cleaner
Type of product : Liquid.
Use : Domestic.
Cleaning product for all glass surfaces.
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.
Vapours may cause drowsiness and dizziness.
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Eye contact : Irritation to eyes.
Redness, pain.
- Ingestion : Headache.
Dizziness.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.
Components : This product is not hazardous but contains hazardous components.

Substance name	Contents	CAS No	EC No	Index No	Classification
Ethanol	: Between 1 and 5 %	64-17-5	200-578-6	603-002-00-5	F; R11
2-phenoxyethanol	: Between 1 and 5 %	122-99-6	204-589-7	603-098-00-9	Xn; R22 Xi; R36
Perfume	: Between 0.1 and 1 %	----	----	----	Xi; R38

4. FIRST AID MEASURES

First aid measures
- Inhalation : Remove victim to fresh air.
Rest.
- Skin contact : Rinse immediately with plenty of water.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Give water to drink.
Do not induce vomiting.
Note to physician : No specific recommendations.
Workplace equipment : No specific recommendations.



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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.
Do not enter fire area without proper protective equipment, including respiratory protection.
See Heading 8.
- Special procedures** : Cool heat-exposed product with water spray.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Avoid contact with skin and eyes.
Equip cleanup crew with proper protection.
See Heading 8.
- Environmental precautions** : Avoid release to the environment.
Prevent entry to sewers and public waters.
- Clean up methods** : Recover spilled material as much as possible in a clean container for reuse.
Spilled product must be collected with sand or an inert absorbent material and dispose of as chemical waste. Rinse away remainder with water.

7. HANDLING AND STORAGE

- Protection against fire** : Not expected to be a fire/explosion hazard under normal conditions of use.
- Storage** : Keep only in the original container in a cool, well ventilated place.
Keep out of the reach of children.
- Handling** : Wear waterproof gloves in case of frequent contact with undiluted product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection**
- **Skin protection** : Wear waterproof gloves in case of frequent contact with undiluted product.
No special clothing/skin protection equipment is recommended under normal conditions of use.
 - **Eye protection** : No specific recommendations.
 - **Respiratory protection** : Ensure there is adequate ventilation.
- Environment protection see § 6**
- Occupational Exposure Limits** : Ethanol : MAC [mg/m³] : 1900
Ethanol : MAC [ppm] : 1000

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C** : Liquid.
- Colour** : Colourless.
- Odour** : Flower aroma.
- pH value (concentrated product)** : 6.25
- Density** : 0.993 kg/l
- Viscosity** : 13,2 cP
- Solubility in water** : Complete.
- Flash point [°C]** : 63

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9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

Volatile Organic Compounds (%) : 3.84
Explosion limits : None.
Oxidising properties : None.
Evaporation rate (water=1) : 1.11

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 mix with other cleaning products.
Hazardous decomposition products : None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Eye irritatie (RBC test: Mean Indices : 5
Ocular Irritancy)
Skin irritation (RBC test: : 2.4%
Denaturation Index)
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 : To the best of our knowledge, this product contains no sensitizing raw materials.
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 [%] Sapromat respirometry test (OECD 301 F) : 99.5
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : > 1000 Not toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202) : >1000 Not toxic.
Rotifer toxicity (Brachionus calyciflorus) EC50 24h (ppm) (ASTM E1440-91) : > 100 Hardly toxic.
Microbial toxicity EC50 (Microtox EC50 15min) (ppm) (DIN 38-412-L34) : 2400 Not toxic.
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.



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13. DISPOSAL CONSIDERATIONS

- General** : Dispose in a safe manner in accordance with local/national regulations.
- 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.

16. OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 3)** : R11 : Highly flammable.
R22 : Harmful if swallowed.
R36 : Irritating to eyes.
R38 : Irritating to skin.
- 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** : Revision - See : *
- Print date** : 28 / 3 / 2008

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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