



SAFETY DATA SHEET

According to Regulation (EC) 1907/2006

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Revised edition no : 7

Date : 4 / 9 / 2012

Supersedes : 20 / 1 / 2012

Toilet cleaner pine**3000236**

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : Toilet cleaner pine

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Domestic.

1.3. Details of the supplier of the safety data sheet

Company identification : ECOVER CO-ORDINATION CENTER
Steenovenstraat 1A
2390 Malle Belgique-Belgie

Phone : +32 (0)3 309 25 00

Fax : +32 (0)3 311 72 70

e-mail: : sds@ecover.com

Responsible for placing on the market : See address above.

1.4. Emergency telephone number

Emergency phone nr : 08451 30 22 30 - UK customer careline

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: Not classified as dangerous product.

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

• S Phrase(s) : S2 : Keep out of the reach of children.

EEC Composition of detergents : < 5% : - Nonionic surfactants
Perfumes
LINALOOL, LIMONENE.

2.3. Other hazards

None under normal conditions.

SECTION 3. Composition/information on ingredients

* Substance / Preparation : Preparation.

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Citric acid monohydrate	: Between 1 and 5 %	5949-29-1	201-069-1	----	01-2119457026-42	Xi; R36 Eye irrit 2
Alkyl Poly Glycoside C10-16	: Between 1 and 5 %	110615-47-9	600-975-8	----	01-2119489418-23	Xi; R38-41 Eye Dam 1 Skin Irrit. 2
Linalool	: Between 0.01 and 0.1 %	78-70-6	201-134-4	----	01-2119474016-42	Xi; R38 Undefined. (GHS)
(R)-p-mentha-1,8-diene	: Between 0.01 and 0.1 %	5989-27-5	227-813-5	601-029-00-7	01-2119529223-47	R10 Xi; R38 R43 N; R50-53 Flam. Liq. 3

ECOVER CO-ORDINATION CENTER
Steenovenstraat 1A 2390 Malle Belgique-Belgie



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SECTION 3. Composition/information on ingredients (continued)

Skin Irrit. 2
Skin Sens. 1
Aquatic Acute 1
Aquatic Chronic 1

SECTION 4. First aid measures

4.1. Description of first aid measures

- Inhalation : Assure fresh air breathing.
- Skin contact : Flush with plenty of water.
- Eye contact : Rinse for a long time with cold, running water.
- Ingestion : Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own. Seek medical attention.
Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

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.
Prolonged or repeated contact may cause skin to become dry.
- Eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Ingestion : Abdominal pain. Nausea.
Vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

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

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing media can be used.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for fire-fighters

- Protection against fire** : Exercise caution when fighting any chemical fire.
See Heading 8.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Spill area may be slippery.
Equip cleanup crew with proper protection.



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SECTION 6. Accidental release measures (continued)

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and 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

See Heading 8.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handling : Wear waterproof gloves in case of frequent contact with undiluted product.
Protection against fire : Not expected to be a fire/explosion hazard under normal conditions of use.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool and frost-free place in a closed packaging.
Keep out of the reach of children.

7.3. Specific end use(s)

No data available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Personal protection

- **Respiratory protection** : None under normal conditions.
- **Skin protection** : Wear suitable gloves in case of frequent contact with undiluted product.
- **Eye protection** : Wear safety goggles when clearing accidentally released material and if there is a risk of splashing.

Environment protection see § 6

8.2. Occupational Exposure Limits

None.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

• **Appearance** : Liquid.
White.
• **Odour** : Fresh.
• **Odour threshold** : No data available.
• **pH** : 3
• **Melting point / Freezing point** : No data available.
• **Initial boiling point - boiling range** : No data available.

Toilet cleaner pine**3000236****SECTION 9. Physical and chemical properties (continued)**

- Flash point : > 100
- Evaporation rate : No data available.
- Flammability : No data available.
- Explosion limits (lower - upper) : No data available.
- Vapour pressure : No data available.
- Vapour density : No data available.
- Relative density : 1,021 kg/l
- Solubility : Complete.
- Partition coefficient :
n-octanol / water : No data available.
- Auto-ignition temperature : No data available.
- Thermal decomposition : No data available.
- * • Viscosity : 2500 cP
- Explosive Properties : No data available.
- Oxidising properties : None.

9.2. Other information

Volatile Organic Compounds (%) : 0.4

SECTION 10. Stability and reactivity**10.1. Reactivity**

No decomposition under normal conditions of storage and use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Do not store <0°C and >40°C.

10.5. Incompatible materials

Do not mix with other cleaning products (and certain not with chlorous products).

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11. Toxicological information**11.1. Information on toxicological effects**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.

Toilet cleaner pine**3000236****SECTION 11. Toxicological information (continued)**

- Ingestion** : Hardly toxic (LD 50 rat-oral-theoretical 5000-15000 ppm).
- Sensitization** : This product contains sensitizing fragrance components > 100 ppm: see § 2 and 3.
- 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)).

SECTION 12. Ecological information**12.1. Toxicity**

- 48 Hour EC50 Daphnia magna [ppm] (OECD 202)** : No data available.
- EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)** : > 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)** : No data available.

12.2. Persistence - degradability

This product doesn't contain any persistent substances.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

- 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.

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

- 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.



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SECTION 14. Transport information

GENERAL INFORMATION : Not classified.

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.

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

List of relevant R phrases (heading 3) : R10 : Flammable.
R36 : Irritating to eyes.
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.

Training advice : For correct use of this product: see Technical Data Sheet.

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

Further information : None.

Revision : Revision - See : *

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The contents and format of this SDS are in accordance with Regulation (EC) 1907/2006

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