



MATERIAL SAFETY DATA SHEET

According to 2001/58EC

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Revised edition no : 2

Date : 30 / 8 / 2006

Supersedes : 15 / 12 / 2005

Washing tablets**CODE: 412050006**

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Washing tablets

Type of product : Solid.

Use : Domestic.

Company identification : ECOVER BELGIUM NV
Industrieweg 3
2390 Malle Belgique-Belgie

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 COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.

Components : This product contains hazardous components (Directive 67/548/EEC).

* Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
< 5% : - Soap
5% - 15% : - Anionic surfactants - Nonionic surfactants
15% - 30% : - Oxygenbased bleaching agents - Zeolites
Perfumes - Enzymes
LINALOOL, LIMONENE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Sodium carbonate peroxyhydrate	> 10 %	15630-89-4	239-707-6	----	O; R8 Xn; R22 Xi; R41
Zeolite	> 10 %	1318-02-1	215-283-8	----	
Fatty Alcohol Sulfate C12-18	> 10 %	68955-19-1	273-257-1	----	Xi; R38-41
Ethoxylated rapeseed methyl esters	Between 1 and 10 %	158318-69-5	----	----	Xi; R36
Diodium disilicate	Between 1 and 10 %	13870-28-5	237-623-4	----	Xi; R41
Sodium citrate	Between 1 and 10 %	6132-04-3	200-675-3	----	Xi; R36/37/38
Soap	Between 1 and 10 %	61789-31-9	----	----	Xi; R36/38
Magnesium Sulfate	Between 0.1 and 1 %	7487-88-9	231-298-2	----	Xn; R20/22
Perfume	Between 0.1 and 1 %	----	----	----	R10 Xn; R65 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
Linalool	Between 0.01 and 0.1 %	78-70-6	201-134-4	----	
Subtilisin	Between 0.01 and 0.1 %	9014-01-1	232-752-2	647-012-00-8	Xi; R36/38 R42

* INCI : SODIUM CARBONATE PEROXIDE
ZEOLITE
SODIUM C12-18 ALKYL SULFATE
Fatty acid methyl esters ethoxylates
Disodium Disilicate
Trisodiumcitrate dihydrate
SODIUM COCOATE
MAGNESIUM SULFATE
PARFUM
LIMONENE



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2 COMPOSITION / INFORMATION ON INGREDIENTS (continued)

LINALOOL
Subtilisin

3 HAZARDS IDENTIFICATION

- * **Hazards identification** : According to the Preparation Directive 1999/45/EC this product is classified as:
Risk of serious damage to eyes.
 - * **Risk Phrases** : R41 : Risk of serious damage to eyes.
- Symptoms relating to use**
- **Inhalation** : None under normal conditions.
 - **Skin contact** : Slight skin irritant.
 - **Eye contact** : Risk of serious damage to eyes.
 - **Ingestion** : Nausea.
Vomiting.
Abdominal pain.

4 FIRST AID MEASURES

First aid measures

- **Inhalation** : Not relevant.
 - **Skin contact** : Wash skin with mild soap and water.
 - **Eye contact** : Rinse immediately and for at least 15 minutes with copious amounts of water (also assure adequate flushing under the eyelids and if possible after having removed contact lenses). Bring the victim to an ophthalmist.
 - **Ingestion** : Do not induce vomiting. Give water to drink. Seek medical advice.
- Note to physician** : No specific recommendations.
- Workplace equipment** : No specific recommendations.

5 FIRE-FIGHTING MEASURES

- Specific hazards** : None.
- Extinguishing media**
- **Suitable extinguishing media** : Water spray.
Foam.
Dry powder.
Carbon dioxide.
 - **Unsuitable extinguishing media** : Contains oxidizing percarbonate that can release oxygen by activation. Therefore don't sprinkle water on dry product.
- Protection against fire** : Exercise caution when fighting any chemical fire.
See Heading 8.

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 usable material in a clean closable container for reuse. Sweep up contaminated material and dispose of as chemical waste. Remove the remainder with water and a water and dust vacuum cleaner.

Washing tablets**CODE: 412050006****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.
Keep only in the original container.
Keep out of the reach of children.
- 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.
 - **Eye protection** : Wear safety goggles when clearing accidentally released material.
 - **Respiratory protection** : None under normal conditions.
Ensure sufficient ventilation and wear a dust mask P2 when taking up intensively material which is accidentally released.
- Environment protection see § 6**
- Occupational Exposure Limits** : Zeolite : MAC [mg/m³] : 6
Subtilisin : TLV - ACGIH [mg/m³] : 0.00006

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C** : Tablets.
- Colour** : White/Yellow.
- Odour** : Lavender.
- pH value (concentrated product)** : 1% 10,4
- Solubility in water** : Good.
- Flash point [°C]** : > 100
- Volatile Organic Compounds (%)** : 0.2
- Explosion limits** : None.
- Oxidising properties** : This product contains oxidizing sodium carbonate peroxide

10 STABILITY AND REACTIVITY

- Stability and reactivity** : Even when properly stored, the sodium carbonate peroxide will lose his activity.
Therefore it is recommended to consume the product within a year.
- Conditions to avoid** : Moisture.
Do not store <0°C and >30°C.
- Materials to avoid** : None.
- Hazardous decomposition products** : None under normal conditions.

11 TOXICOLOGICAL INFORMATION

- Eye irritatie (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** : Irritation due to the composition.
 - **Ingestion** : No data available.

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11 TOXICOLOGICAL INFORMATION (continued)

- 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 [%] Sapromat respirometry test (OECD 301 F)** : 77 Biodegradable.
- EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)** : 68 Slightly toxic
- 48 Hour EC50 Daphnia magna [ppm] (OECD 202)** : 20.8 Slightly 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.

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 (not containing any residues) of this product can be disposed of as paper waste and residual waste according to national or local waste legislation. Packaging containing residues of this product should be disposed of as chemical waste. Empty packaging is not subject to ADR.

14 TRANSPORT INFORMATION

- General information** : Not classified.

15 REGULATORY INFORMATION

* **Symbol(s)**



- * **R Phrase(s)** : R41 : Risk of serious damage to eyes.
- * **S Phrase(s)** : S2 : Keep out of the reach of children.
 S25 : Avoid contact with eyes.
 S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S46 : If swallowed seek medical advice immediately and show this container or label.
- * **EEC Composition of detergents** : < 5% : - Soap
 5% - 15% : - Anionic surfactants - Nonionic surfactants
 15% - 30% : - Oxygenbased bleaching agents - Zeolites
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LINALOOL, LIMONENE.

16 OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 2)**: R8 : Contact with combustible material may cause fire.
R10 : Flammable.
R20/22 : Harmful by inhalation and if swallowed.
R22 : Harmful if swallowed.
R36 : Irritating to eyes.
R36/37/38 : Irritating to eyes, respiratory system and skin.
R36/38 : Irritating to eyes and skin.
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R42 : May cause sensitization by inhalation.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 : Harmful : may cause lung damage if swallowed.
- 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** : 6 / 3 / 2007

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

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