



MATERIAL SAFETY DATA SHEET

According to 2001/58EC

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Revised edition no : 2

Date : 23/8/2006

Supersedes : 24/5/2006

Non biological washing powder - Integrated formula**CODE: 312010006**

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Non biological washing powder - Integrated formula
Type of product : Powder.
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% : - Nonionic surfactants - Soap
5% - 15% : - Anionic surfactants
15% - 30% : - Oxygenbased bleaching agents - Zeolites
Perfumes
LIMONENE, LINALOOL.

Substance name	Contents	CAS No	EC No	Index No	Classification
Diodium disilicate	> 10 %	13870-28-5	237-623-4	----	Xi; R41
Sodium carbonate peroxyhydrate	> 10 %	15630-89-4	239-707-6	----	O; R8 Xn; R22 Xi; R41
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
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 ----
INCI : Disodium Disilicate
SODIUM CARBONATE PEROXIDE
SODIUM C12-18 ALKYL SULFATE
Fatty acid methyl esters ethoxylates
PARFUM
LIMONENE
LINALOOL

3 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** : Irritation to eyes.
- **Ingestion** : Abdominal pain.



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3 HAZARDS IDENTIFICATION (continued)

Diarrhea.
Nausea.
Vomiting.

4 FIRST AID MEASURES

First aid measures

- Inhalation : Assure fresh air breathing.
 - Skin contact : Flush with plenty of 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 : Wash out mouth and do not induce vomiting. Seek medical attention.
- Note to physician** : No specific recommendations.
- Workplace equipment** : No specific recommendations.

5 FIRE-FIGHTING MEASURES

- Specific hazards** : None.
- Extinguishing media**
- Suitable extinguishing media : Alcoholresistant foam.
 - Unsuitable extinguishing media : Powder.
Contains oxidizing percarbonate that can release oxygen by activation. Therefore don't sprinkle water on dry product.
Carbon dioxide.
- 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.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Clean-up released powder in time.
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** : Collect usable powder residues in a clean, lockable container for reuse. Sweep polluted powder as chemical waste and remove the residus with water and plunger.

7 HANDLING AND STORAGE

- Protection against fire** : Avoid:
Heat.
- Storage** : Store in a cool and frost-free place, out of the reach of children.
Keep away from :
Combustibles.
Reducing agents.
Acids.
- Handling** : Avoid contact with skin and eyes.

Non biological washing powder - Integrated formula**CODE: 312010006****8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection**

- **Skin protection** : Wear waterproof gloves when taking up intensively material which is accidentally released. Persons with a sensitive skin are also recommended to wear waterproof gloves when doing a hand-wash.
 - **Eye protection** : Wear chemical goggles when clearing accidentally released material.
 - **Respiratory protection** : No specific recommendations.
- Environment protection see § 6

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C** : Powder.
- Colour** : White.
- Odour** : Lavender.
- pH value (concentrated product)** : 1% 10.25
- Density** : 0.900 kg/l
- Solubility in water** : Partial.
- Volatile Organic Compounds (%)** : 0.18
- 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.
Heat.
Do not store <0°C and >40°C.
- Materials to avoid** : Acids.
Reducing agents.
Combustibles.
Metals.
Organic compounds
- Hazardous decomposition products** : None under normal conditions.

11 TOXICOLOGICAL INFORMATION

- Skin irritation (RBC test: Denaturation Index) (ppm)** : No data available.
- Evaluation of the security for the human health**
- **Dermal** : Irritation due to the composition.
- **Ocular** : Irritation due to the composition.
- **Ingestion** : Hardly toxic (LD 50 rat-oral-theoretic 500-5000 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)).



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12 ECOLOGICAL INFORMATION

Ecological effects information

Biodegradation: Coupled Unit test (: 92 Biodegradable.
OECD 303A) %EC50 72h Algae (Selenastrum : 184 Hardly toxic.
capricornutum) [ppm] (OECD 201)48 Hour EC50 Daphnia magna [mg/l] : 70.2 Slightly toxic
(OECD 202)

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 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

R Phrase(s) : None.

S Phrase(s) : S2 : Keep out of the reach of children.
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% : - Nonionic surfactants - Soap
5% - 15% : - Anionic surfactants
15% - 30% : - Oxygenbased bleaching agents - Zeolites
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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.
R22 : Harmful if swallowed.
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.
R65 : Harmful : may cause lung damage if swallowed.



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16 OTHER INFORMATION (continued)

Sources of key data used : MSDS and additional literature data of the respective suppliers.
Chemiekaarten, 21th edition, 2006, ed. MIA, VMCI, Samson.

Revision : First version of this MSDS in this new format.

Print date : 18/12/2006

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

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