



**SAFETY DATA SHEET**  
**According to Regulation (EC) 1907/**  
**2006**

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Revised edition no : 0

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**Washing powder non bio bleach zero**

**ECOVER104**

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

**1.1. Product identifier**

Trade name : Washing powder non bio bleach zero

**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.  
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% : - Nonionic surfactants  
15% - 30% : - Anionic surfactants - Oxygenbased bleaching agents - Zeolites

**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
Zeolite	> 15 < 30 %	1318-02-1	215-283-8	----	----	Not classified. (DSD/DPD) Not classified. (GHS)
Fatty Alcohol Sulfate C12-18	> 15 < 30 %	68955-19-1	273-257-1	----	01-2119490225-39-0000	Xi; R38-41 Eye Dam 1 Skin Irrit. 2

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**SECTION 3. Composition/information on ingredients (continued)**

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Sodium carbonate peroxyhydrate :	> 15 < 30 %	15630-89-4	239-707-6	----	01-2119457268-30	O; R8 Xn; R22 Xi; R41 ----- Ox. Sol. 2 Eye Dam 1 Acute Tox. 4 (oral)
Diodium disilicate :	> 5 < 15 %	13870-28-5	237-623-4	----	01-2119485031-47	Xi; R41 ----- Eye Dam 1
Ethoxylated rapeseed methyl esters :	> 5 < 15 %	158318-69-5	----	----	----	Xi; R36 ----- Eye irrit 2
Sodium oleate :	> 1 <= 5 %	143-19-1	205-591-0	----	----	Xi; R36 ----- Not classified. (GHS)

**SECTION 4. First aid measures**
**4.1. Description of first aid measures**

- Inhalation : Assure fresh air breathing.
- Skin contact : Rinse immediately with plenty of water.  
Seek medical attention if ill effect or irritation develops.
- Eye contact : Rinse immediately and for a long time with plenty of water. Seek medical attention if the irritation persists. Inadequate first aid may lead to persisting eye complaints.
- Ingestion : Wash out mouth and do not induce vomiting. Seek medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**
**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 : Nausea.  
Vomiting.  
Diarrhea.  
Abdominal pain.

**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 : Alcoholresistant foam.
- Unsuitable extinguishing media : Contains oxidizing percarbonate that can release oxygen by activation. Therefore don't sprinkle water on dry product.  
Carbon dioxide.  
Powder.

**5.2. Special hazards arising from the substance or mixture**

None.



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**SECTION 5. Fire-fighting measures (continued)**

**5.3. Advice for fire-fighters**

**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.

**SECTION 6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Clean-up released powder in time.  
Avoid contact with skin and eyes.  
Equip cleanup crew with proper protection.

**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 and a water and dust vacuum cleaner.

**6.4. Reference to other sections**

See Heading 8.

**SECTION 7. Handling and storage**

**7.1. Precautions for safe handling**

**Handling** : Minimize generation of dust.  
Avoid contact with skin and eyes.

**Protection against fire** : Avoid:  
Heat.

**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.  
Keep away from combustible material.  
Acids.  
Reducing agents.  
Prevent moisture contact.

**7.3. Specific end use(s)**

Washing powder.

**SECTION 8. Exposure controls/personal protection**

**8.1. Control parameters**

**Personal protection**

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

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#### SECTION 8. Exposure controls/personal protection (continued)

- 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.
- Environment protection see § 6

#### 8.2. Occupational Exposure Limits

Occupational Exposure Limits : Zeolite : MAC [mg/m<sup>3</sup>] : 6

#### SECTION 9. Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

- Appearance : Granular solid.  
White.
- Odour : Not perfumed.
- Odour threshold : No data available.
- pH : 1% 10,3
- Melting point / Freezing point : No data available.
- Initial boiling point - boiling range : No data available.
- Flash point : > 100
- Evaporation rate : No data available.
- Flammability : No data available.
- Explosion limits (lower - upper) : None.
- Vapour pressure : No data available.
- Vapour density : No data available.
- Relative density : 0,68 kg/l
- Solubility : Good.
- Partition coefficient :  
n-octanol / water : No data available.
- Auto-ignition temperature : No data available.
- Thermal decomposition : No data available.
- Viscosity : No data available.
- Explosive Properties : No data available.
- Oxidising properties : This product contains oxidizing sodium carbonate peroxide

##### 9.2. Other information

Volatile Organic Compounds (%) : 0

#### SECTION 10. Stability and reactivity

##### 10.1. Reactivity

Even when properly stored, the sodium carbonate peroxide will lose his activity. Therefore it is recommended to consume the product within a year.

##### 10.2. Chemical stability

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## **SECTION 10. Stability and reactivity (continued)**

Stable under normal conditions.

### **10.3. Possibility of hazardous reactions**

No data available.

### **10.4. Conditions to avoid**

Moisture.

Heat.

Do not store <0°C and >40°C.

### **10.5. Incompatible materials**

Organic compounds.

Acids.

Combustibles.

Reducing agents.

Metals.

### **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** : Slightly irritating
- **Ocular** : Irritation due to the composition.
- **Ingestion** : Hardly toxic (LD 50 rat-oral-theoretic 500-5000 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)).

## **SECTION 12. Ecological information**

### **12.1. Toxicity**

**48 Hour EC50 Daphnia magna [ppm] (OECD 202)** : 12 Slightly toxic

### **12.2. Persistence - degradability**

**Biodegradation** : All organic ingredients in this product are aerobically biodegradable.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

### **12.5. Results of PBT and vPvB assessment**

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**SECTION 12. Ecological information (continued)**

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**

**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.

**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)** : R8 : Contact with combustible material may cause fire.  
R22 : Harmful if swallowed.  
R36 : Irritating to eyes.  
R38 : Irritating to skin.  
R41 : Risk of serious damage to eyes.

**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  
Chemiekaarten, 21th edition, 2006, ed. MIA, VMCI, Samson.

**Further information** : None.



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**SECTION 16. Other information (continued)**

**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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