



# SAFETY DATA SHEET

(revision) date 30-Apr-2015

Version 1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Code** ECOVER85  
**Product Name** Washing powder Color ZERO  
**Internal Code** 3000496  
**Pure substance/mixture** Mixture

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

**Recommended Use** Consumer use  
**Uses advised against** No information available

### 1.3. Details of the supplier of the safety data sheet

**Company Name**  
ECOVER CO-ORDINATION CENTER  
Steenovenstraat 1A  
2390 Malle Belgium  
Phone: +32 (0)3 309 2500  
Fax: +32 (0)3 311 7270

**Responsible for placing on the market**  
See Company Name

**E-mail address** sds@ecover.com

### 1.4. Emergency telephone number

| Emergency Telephone - §45 - (EC)1272/2008 |  |
|---|--|
| Belgium                                   | +32 (0)70 245 245 (Antipoison Centre Belgium)  |
| Denmark                                   | +45 82 12 12 12  |
| Finland                                   | 09 471977  |
| France                                    | + 33 (0)1 45 42 59 59 - Orfila (24h)   |
| Netherlands                               | 030-2748888 (National Poisons Information Center (NVIC)) Only for the purpose of informing medical personnel in cases of acute intoxications |
| Portugal                                  | 808 250 143 - CIAV   |
| Spain                                     | + 34 91 562 04 20  |
| Switzerland                               | STIZ (Tox-Zentrum) CH Zürich: 145/ +41 44 251 51 51 (24h/7)  |
| United Kingdom                            | 03451 302230 - UK customer careline  |
| Slovenia                                  | +800 505 25 052<br>+32 898 60 540  |
| Hungary                                   | 06-80-20-11-99 - Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSz)   |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

According to Regulation (EC) n° 1272/2008 (CLP):

|                                   |            |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 2 |
|-----------------------------------|------------|

### 2.2. Label elements

According to Regulation (EC) n° 1272/2008 (CLP):



**Signal word**

Warning

**Hazard statements**

H319 - Causes serious eye irritation

**Precautionary Statements - EU (§28, 1272/2008)**

P102 - Keep out of reach of children

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

P101 - If medical advice is needed, have product container or label at hand

**2.3. Other hazards**

None under normal use conditions

## SECTION 3: Composition/information on ingredients

**3.1 Substances**

Not Applicable

**3.2 Mixtures**

| Chemical Name                 | EC No     | CAS No     | Weight-% | Classification according to 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP]                       | REACH Registration Number |
|-------------------------------|-----------|------------|----------|--|---|---------------------------|
| Sodium Carbonate              | 207-838-8 | 497-19-8   | 10-30    | Xi; R36                                | Eye Irrit. 2 (H319)   | 01-2119485498-19          |
| Fatty Alcohol Sulfate C12-18  | 273-257-1 | 68955-19-1 | 5-10     | Xi; R38-41                             | Eye Dam 1 (H318)<br>Skin Irrit. 2 (H315)  | 01-2119490225-39          |
| Alcohols, C12-14, ethoxylated | 932-106-6 | 68439-50-9 | 5-10     | Xi; R41<br>N; R50                      | Eye Dam 1 (H318) Aquatic<br>Acute 1 (H400)  | 01-2119487984-16          |
| subtisilin                    | 232-752-2 | 9014-01-1  | <0.1     | Xn;<br>R37/38-41-42/43                 | Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Resp. Sens. 1 (H334)<br>STOT SE 3 (H335) | 01-2119480434-38          |

Full text of H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

**4.1. Description of first aid measures**

**General advice**

If symptoms persist, call a physician.

**Eye Contact**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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|                     |  |
|---------------------|--|
| <b>Skin Contact</b> | Wash off immediately with plenty of water  |
| <b>Ingestion</b>    | Do NOT induce vomiting Clean mouth with water and drink afterwards plenty of water Get medical attention |
| <b>Inhalation</b>   | Remove to fresh air  |

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

See section 2 for more information. See section 11 for more information.

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

**Note to physicians** Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable Extinguishing Media**

None

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

None known

**5.3. Advice for firefighters****Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up****Methods for 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**

SECTION 8: Exposure controls/personal protection

SECTION 12: Ecological information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes

Avoid generation of dust

Ensure adequate ventilation, especially in confined areas

Use personal protection recommended in Section 8

**7.2. Conditions for safe storage, including any incompatibilities**

Keep out of the reach of children  
 Keep container tightly closed in a dry and well-ventilated place  
 Do not store <0°C and >40°C.  
 Keep away from combustible material  
 Protect from moisture

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

No data available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

| Chemical Name | European Union | United Kingdom  | France | Spain                           | Germany |
|---------------|----------------|---|--------|---------------------------------|---------|
| subtisilin    |                | STEL: 0.00012 mg/m <sup>3</sup><br>TWA: 0.00004 mg/m <sup>3</sup> |        | STEL: 0.00006 mg/m <sup>3</sup> |         |

| Chemical Name | Italy | Portugal                           | Netherlands | Finland | Denmark                            |
|---------------|-------|------------------------------------|-------------|---------|------------------------------------|
| subtisilin    |       | Ceiling: 0.00006 mg/m <sup>3</sup> |             |         | Ceiling: 0.00006 mg/m <sup>3</sup> |

| Chemical Name | Austria | Switzerland                     | Poland | Norway | Ireland   |
|---------------|---------|---------------------------------|--------|--------|---|
| subtisilin    |         | STEL: 0.00006 mg/m <sup>3</sup> |        |        | TWA: 0.00006 mg/m <sup>3</sup><br>STEL: 0.00006 mg/m <sup>3</sup> |

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls**

**Engineering Controls** None under normal use conditions.

**Personal protective equipment****Eye/face protection**

Wear safety goggles when clearing accidentally released material.

**Hand Protection**

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Skin protection**

Suitable protective clothing. Apron. Gloves made of plastic or rubber.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**Physical state** powder  
**Odor** Odorless  
**Color** white

| <u>Property</u>                | <u>Values</u> | <u>Remarks • Method</u>  |
|--------------------------------|---------------|--------------------------|
| pH                             | 0.5% 10.5     |                          |
| Melting point / freezing point |               | No information available |
| Boiling point / boiling range  |               | No information available |
| Flash Point                    | > 100         |                          |
| Evaporation rate               |               | No information available |
| Flammability (solid, gas)      |               | No information available |
| Flammability Limit in Air      |               | No information available |

|                                  |                |                          |
|----------------------------------|----------------|--------------------------|
| <b>Upper Flammability Limit</b>  |                | No information available |
| <b>Lower flammability limit</b>  |                | No information available |
| <b>Vapor pressure</b>            |                | No information available |
| <b>Vapor density</b>             |                | No information available |
| <b>Relative density</b>          | 0.75 kg/l      |                          |
| <b>Water solubility</b>          |                | No information available |
| <b>Solubility(ies)</b>           |                | No information available |
| <b>Partition coefficient</b>     |                | No information available |
| <b>Autoignition temperature</b>  |                | No information available |
| <b>Decomposition temperature</b> |                | No information available |
| <b>Kinematic viscosity</b>       |                | No information available |
| <b>Dynamic viscosity</b>         |                |                          |
| <b>Explosive properties</b>      | Not Applicable |                          |
| <b>Oxidizing properties</b>      | None           |                          |
| <b>9.2. Other information</b>    |                |                          |
| <b>VOC Content (%)</b>           | 0              |                          |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Even when properly stored, the proteases will lose their activity. Therefore it is recommended to consume the product within a year.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

See section 7 for more information

### 10.5. Incompatible materials

Acids  
Reducing agent

### 10.6. Hazardous decomposition products

None under normal use conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** Product does not present an acute toxicity hazard based on known or supplied information

| Chemical Name                | Oral LD50            | Dermal LD50              | Inhalation LC50                      |
|------------------------------|----------------------|--------------------------|--------------------------------------|
| Sodium Carbonate             | = 4090 mg/kg ( Rat ) |                          | = 2300 mg/m <sup>3</sup> ( Rat ) 2 h |
| Fatty Alcohol Sulfate C12-18 | > 2000 mg/kg ( Rat ) | > 10000 mg/kg ( Rabbit ) |                                      |

**Irritation** Irritating to eyes

**Respiratory or skin sensitization** See section 15 for any sensitizing ingredients

|   |               |
|---|---------------|
| <b>Carcinogenicity</b>                                    | Not expected. |
| <b>Reproductive toxicity</b>                              | Not expected. |
| <b>Germ cell mutagenicity</b>                             | Not expected. |
| <b>Specific target organ toxicity (single exposure)</b>   | Not expected  |
| <b>Specific target organ toxicity (repeated exposure)</b> | Not expected  |
| <b>Aspiration hazard</b>                                  | Not expected  |

## SECTION 12: Ecological information

### 12.1. Toxicity

**Product**  
48h EC50 (daphnia - mg/l)

No data available

#### **Ingredients**

| Chemical Name                | Algae/aquatic plants                       | Fish   | Crustacea                          |
|------------------------------|--|--|------------------------------------|
| Sodium Carbonate             | 242: 120 h Nitzschia mg/L EC50             | 310 - 1220: 96 h Pimephales promelas mg/L LC50 static 300: 96 h Lepomis macrochirus mg/L LC50 static | 265: 48 h Daphnia magna mg/L EC50  |
| Fatty Alcohol Sulfate C12-18 | 42: 96 h Desmodesmus subspicatus mg/L EC50 | 3: 48 h Leuciscus idus mg/L LC50   | 16.3: 24 h Daphnia magna mg/L EC50 |

### 12.2. Persistence and degradability

This product doesn't contain any persistent substances

The surface active components used in this product fulfill all of the biodegradability requirements of EC regulation 648/2004 (Detergents Regulation)

The surface active components used in this product are anaerobically biodegradable.

### 12.3. Bioaccumulative potential

This product does not contain any bioaccumulating substances.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)

This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

### 12.6. Other adverse effects

This product does not contain PCM or nitromusk perfume components.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General** Disposal should be in accordance with applicable regional, national and local laws and regulations

## SECTION 14: Transport information

**ADR** Not regulated

**IMDG** Not regulated

**RID** Not regulated

**IATA** Not regulated

## 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

Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:

|  |          |
|--|----------|
| zeolites                                   | 15 - 30% |
| anionic surfactants, non-ionic surfactants | 5 - 15%  |
| soap                                       | < 5%     |
| enzymes                                    |          |

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

### 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

### **Full text of H-Statements referred to under sections 2 and 3**

H319 - Causes serious eye irritation

H318 - Causes serious eye damage

H400 - Very toxic to aquatic life

H315 - Causes skin irritation

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation

### **Classification procedure**

On basis of test data

### **Revision Note**

First version of this SDS in this format.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**