

# L01 Laundry Eco Powder

## Powder detergent for all textiles

Electrolux Professional Ecolabel range of products contains plant-based ingredients. Meeting the requirements of EU Ecolabel involves complying with extremely strict specifications, rigorous performance criteria, ultimate aerobic and anaerobic biodegradability and 100% recyclable packaging.

### Use:

L01 Laundry Eco Powder is a highly efficient laundry detergent developed to give the best possible washing performance even at 30°C. L01 Laundry Eco Powder gives excellent washing, stain removal for all types of fabrics and all types of stains, even when used in small doses. Its fragrance is fresh and long lasting.

L01 Laundry Eco Powder is a powder that is free from phosphates or zeolite.




Contains Enzymes and perfume.

### Instructions for washing:

- Wash at the minimal recommended temperature (30°C).
- Every time and for every kind of laundry, wash with the maximum weight possible.
- Follow the dosage instructions according to the water hardness and to the soiling levels.
- By using this product bearing the European Ecolabel in accordance with dosing recommendations, you help reduce water pollution and energy consumption.

### Recommended dilution rate (Based on 4.5 kg of linen)

In order to achieve the best results without overuse of product, it is advisable to check the water conditions in your area and apply the appropriate dosage levels as shown below:

			
Soft water	7 g/kg	10 g/kg	15 g/kg
Medium water	7 g/kg	15 g/kg	18 g/kg
Hard water	7 g/kg	18 g/kg	20 g/kg

### Physical-chemical properties

Density (20 °C) 736 g/ml

pH-value 10,8 ± 0,5( 1%)

pH 

**Packaging** 15 Kg bag

**Code** 0W7RBB (PNC 432731139)

### Warnings:

- ▶ the product is for professional use only; do not use in domestic appliances.
- ▶ transport and storage must be done only in the original package, upright position.
- ▶ do not expose to sunlight and freezing temperatures.
- ▶ do not transfer in other package.
- ▶ do not mix with other products.
- ▶ to be used within 18 months after the production date.
- ▶ the package and containers are totally recyclable.
- ▶ please handle the emptied material according to the local recycling regulation.



Patch test performed by a certified lab with diluted product



Product formulated to minimize the risk of sensitization



Scan the QR code to view the safety data sheet

### Safety and Transport



GHS05



GHS07



# Electrolux L01 - Laundry Eco Powder

PROFESSIONAL

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Date first issue: 7/08/2019 Review date: 7/08/2019 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : L01 - Laundry Eco Powder  
Product code : 126  
Type of product : Detergent  
Product group : Mixture

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Washing powder

##### 1.2.2. Uses advised against

No additional information available

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

Electrolux Professional AB  
Ringvägen 14  
341 80 Ljungby  
T +46 372 66100 - F +46 372 80861  
[epr.chemicals@electroluxprofessional.com](mailto:epr.chemicals@electroluxprofessional.com)

#### 1.4. Emergency telephone number

Emergency numbers: +44 1235 239670  
+353 (01) 6147000 (NPIC Toll free)  
+353 1890 289 389 (NPIC)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315  
Eye Dam. 1 H318  
STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05



GHS07

CLP Signal word : Danger  
Hazardous ingredients : Ethoxylated Alcohol; Sodium disilicate; Sodium percarbonate; Sodium alkyl sulfate; subtilisin;  $\alpha$ -Caryophyllene; Benzaldehyde  
Hazard statements (CLP) : H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.  
Precautionary statements (CLP) : P280 - Wear protective gloves, eye protection, face protection, protective clothing.

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P302+P352 - IF ON SKIN: Wash with plenty of water/....  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER/doctor.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium disilicate	(CAS-no) 1344-09-8 (Einecs nr) 215-687-4 (EG annex nr) 215-687-4 (REACH-no) 01-2119448725-31	10 - 30	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Sodium carbonate	(CAS-no) 497-19-8 (Einecs nr) 207-838-8 (EG annex nr) 011-005-00-2 (REACH-no) 01-2119485498-19	10 - 30	Eye Irrit. 2, H319
Sodium percarbonate	(CAS-no) 15630-89-4 (Einecs nr) 239-707-6 (REACH-no) 01-2119457268-30	10 - 30	Ox. Sol. 2, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Sodium alkyl sulfate	(CAS-no) 68955-19-1 (Einecs nr) 273-257-1 (EG annex nr) / (REACH-no) 01-2119490225-39	5 - 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Ethoxylated Alcohol	(CAS-no) 157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9 (Einecs nr) 500-337-8/500-213-3/500-195-7/500-201-8/500-221-7/500-457-0 (REACH-no) Exempted (polymer)	3 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Ethoxylated Alcohol	(CAS-no) 157627-86-6/160901-19-9/68551-12-2/68439-50-9 (Einecs nr) 500-337-8/500-457-0/500-221-7/500-213-3 (EG annex nr) / (REACH-no) Exempted	1 - 3	Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
disodium metasilicate	(CAS-no) 6834-92-0 (Einecs nr) 229-912-9 (EG annex nr) 014-010-00-8 (REACH-no) 01-2119449811-37	1 - 3	Skin Corr. 1B, H314 STOT SE 3, H335 Met. Corr. 1, H290
subtilisin substance with national workplace exposure limit(s) (GB, IE)	(CAS-no) 9014-01-1 (Einecs nr) 232-752-2 (EG annex nr) 647-012-00-8 (REACH-no) 01-2119480434-38	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Titanium dioxide substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE)	(CAS-no) 13463-67-7 (Einecs nr) 236-675-5 (REACH-no) 01-2119489379-17	< 1	Not classified
N, N-dimethylformamide; dimethyl formamide substance listed as REACH Candidate (N,N-dimethylformamide) substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE)	(CAS-no) 68-12-2 (Einecs nr) 200-679-5 (EG annex nr) 616-001-00-X (REACH-no) 01-2119475605-32	< 1	Repr. 1B, H360D Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Eye Irrit. 2, H319
BHT (2,6-di-tert-butyl-p-cresol) substance with national workplace exposure limit(s) (GB, IE)	(CAS-no) 128-37-0 (Einecs nr) 204-881-4 (REACH-no) 01-2119480433-40	< 1	Not classified
Sodium hydroxide substance with national workplace exposure limit(s) (GB, IE)	(CAS-no) 1310-73-2 (Einecs nr) 215-185-5 (EG annex nr) 011-002-00-6 (REACH-no) 01-2119457892-27	< 1	Skin Corr. 1A, H314 Eye Dam. 1, H318 Met. Corr. 1, H290
methanol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE)	(CAS-no) 67-56-1 (Einecs nr) 200-659-6 (EG annex nr) 603-001-00-X (REACH-no) 01-2119433307-44	< 1	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370

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### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Sodium percarbonate	(CAS-no) 15630-89-4 (Einecs nr) 239-707-6 (REACH-no) 01-2119457268-30	( 10 =<C < 25) Eye Irrit. 2, H319 ( 25 =<C < 100) Eye Dam. 1, H318
Sodium hydroxide	(CAS-no) 1310-73-2 (Einecs nr) 215-185-5 (EG annex nr) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0,5 =<C < 2) Eye Irrit. 2, H319 ( 0,5 =<C < 2) Skin Irrit. 2, H315 ( 2 =<C < 5) Skin Corr. 1B, H314 ( 5 =<C < 100) Skin Corr. 1A, H314
methanol	(CAS-no) 67-56-1 (Einecs nr) 200-659-6 (EG annex nr) 603-001-00-X (REACH-no) 01-2119433307-44	( 3 =<C < 10) STOT SE 2, H371 ( 10 =<C < 100) STOT SE 1, H370

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General advice	: In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation	: Take victim to fresh air, in a quiet place and if necessary take medical advice.
Skin contact	: Take off immediately all contaminated clothing. Wash immediately with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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

Acute effects inhalation	: May cause respiratory irritation.
Acute effects skin	: Causes skin irritation.
Acute effects eyes	: Causes serious eye damage.
Acute effects oral route	: No important effect or critical danger known.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: All extinguishing agents can be used.
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### 5.2. Special hazards arising from the substance or mixture

Explosion hazard	: Not applicable.
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### 5.3. Advice for firefighters

Protection during firefighting	: Use self-contained breathing apparatus and chemically protective clothing.
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## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment	: Concerning personal protective equipment to use, see section 8.
Emergency procedures	: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Stop leak without risks if possible. Prevent product from entering drains.

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

Methods for cleaning up	: Shovel or sweep up and put in a closed container for disposal.
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### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Hygiene measures	: Do not eat, drink or smoke when using this product.

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

Storage conditions : Keep only in original container. Store tightly closed in a dry and cool place.  
Material(s) to avoid : Never mix with other materials.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Sodium hydroxide (1310-73-2)		
Ireland	Local name	Sodium hydroxide
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Ireland	Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
United Kingdom	Local name	Sodium hydroxide
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE
methanol (67-56-1)		
EU	Local name	Methanol
EU	IOELV TWA (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	200 ppm
EU	Notes	skin
EU	Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
Ireland	Local name	Methanol
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	Notes (IE)	Sk, IOELV
Ireland	Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
United Kingdom	Local name	Methanol
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	266 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	333 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	250 ppm
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE
subtilisin (9014-01-1)		
Ireland	Local name	Subtilisins (proteolytic enzymes as 100% pure crystalline enzyme)
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
Ireland	Notes (IE)	Sens.
Ireland	Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
United Kingdom	Local name	Subtilisins (Bacillus subtilis Carlsberg)
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	0,00004 mg/m <sup>3</sup>
United Kingdom	Remark (WEL)	Sen (Capable of causing occupational asthma. See paragraphs 53–56)
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE
N, N-dimethylformamide; dimethyl formamide (68-12-2)		
EU	Local name	N,N Dimethylformamide
EU	IOELV TWA (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	5 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	10 ppm
EU	Notes	skin

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N, N-dimethylformamide; dimethyl formamide (68-12-2)		
EU	Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU
Ireland	Local name	Dimethylformamide
Ireland	OEL (8 hours ref) (mg/m³)	15 mg/m³
Ireland	OEL (8 hours ref) (ppm)	5 ppm
Ireland	OEL (15 min ref) (mg/m³)	30 mg/m³
Ireland	OEL (15 min ref) (ppm)	10 ppm
Ireland	Notes (IE)	Sk, Repr.1B, IOELV
Ireland	Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
United Kingdom	Local name	N,N-Dimethylformamide
United Kingdom	WEL TWA (mg/m³)	15 mg/m³
United Kingdom	WEL TWA (ppm)	5 ppm
United Kingdom	WEL STEL (mg/m³)	30 mg/m³
United Kingdom	WEL STEL (ppm)	10 ppm
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE
Titanium dioxide (13463-67-7)		
EU	Local name	Titanium dioxide
EU	Notes	SCOEL Recommendations (Ongoing)
Ireland	Local name	Titanium dioxide
Ireland	OEL (8 hours ref) (mg/m³)	10 mg/m³ total inhalable dust 4 mg/m³ respirable dust
United Kingdom	Local name	Titanium dioxide
United Kingdom	WEL TWA (mg/m³)	4 mg/m³ respirable 10 mg/m³ total inhalable
BHT (2,6-di-tert-butyl-p-cresol) (128-37-0)		
Ireland	Local name	2,6-Ditertiary-butyl-para-cresol
Ireland	OEL (8 hours ref) (mg/m³)	2 mg/m³
Ireland	Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
United Kingdom	Local name	2,6-Di-tert-butyl-p-cresol
United Kingdom	WEL TWA (mg/m³)	10 mg/m³
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

### 8.2. Exposure controls

#### Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

#### Eye protection:

Safety glasses with side-shields (EN 166)

#### Protective equipment:

Wear suitable protective clothing (EN 14605)

#### Respiratory protection:

Provide adequate ventilation

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Physical state/form	: Powder.
Colour	: white.
Odour	: perfumed.
Odour threshold	: No data available

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pH	: 10,8 ± 0,5 (1%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: No data available
Flash point	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 736 ± 100 g/l
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

humid air.

### 10.5. Incompatible materials

Never mix with other materials.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)

LD50 oral rat	300 - 2000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg

#### disodium metasilicate (6834-92-0)

LD50 oral rat	1150 - 1350 mg/kg
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#### Sodium sulphate (7757-82-6)

LD50 oral rat	10000 mg/kg
LD50 oral	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 2,4 mg/l/4h

#### Copolymer, polyacrylate-maleate MW=50K (52255-49-9)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

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<b>subtilisin (9014-01-1)</b>	
LD50 oral rat	1800 mg/kg
LD50 dermal rabbit	> 2 ml/kg
LC50 inhalation rat (Vapours - mg/l/4h)	0,8 mg/l/4h

<b>Sodium percarbonate (15630-89-4)</b>	
LD50 oral	1034 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight

<b>Sodium alkyl sulfate (68955-19-1)</b>	
LD50 oral rat	> 2000 - 5000 mg/kg
LD50 dermal rabbit	> 2000 - 5000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

pH: 10,8 ± 0,5 (1%)

Serious eye damage/irritation : Causes serious eye damage.

pH: 10,8 ± 0,5 (1%)

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

<b>disodium metasilicate (6834-92-0)</b>	
NOAEL (oral, rat)	260 - 284 mg/kg bodyweight

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

<b>Sodium hydroxide (1310-73-2)</b>	
LC50 fish 1	> 35 mg/l
EC50 Daphnia 1	40,4 mg/l (Ceriodaphnia)
EC50 other aquatic organisms 1	> 33 mg/l waterflea

<b>Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)</b>	
LC50 fish 1	1 - 10 mg/l
EC50 Daphnia 1	1 - 10 mg/l
ErC50 (other aquatic plants)	1 - 10 mg/l

<b>disodium metasilicate (6834-92-0)</b>	
LC50 fish 1	210 mg/l
EC50 Daphnia 1	1700 mg/l
EC50 other aquatic organisms 1	207 mg/l
ErC50 (algae)	207 mg/l

<b>Ethoxylated Alcohol (157627-86-6/160901-19-9/68551-12-2/68439-50-9)</b>	
LC50 fish 1	0,1 - 1 mg/l (Danio rerio - OESO 203 - ECHA)
EC50 Daphnia 1	0,1 - 1 mg/l (Daphnia magna - ECHA)
ErC50 (algae)	0,1 - 1 mg/l
NOEC chronic fish	> 0,1 mg/l
NOEC chronic algae	0,14 mg/l (CESIO)

<b>Sodium sulphate (7757-82-6)</b>	
LC50 fish 1	7960 mg/l
EC50 Daphnia 1	4580 mg/l
EC50 other aquatic organisms 1	4580 mg/l waterflea



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<b>Sodium sulphate (7757-82-6)</b>	
EC50 other aquatic organisms 2	1900 mg/l
<b>Copolymer, polyacrylate-maleate MW=50K (52255-49-9)</b>	
LC50 fish 1	> 200 mg/l
LC50 fish 2	> 1000 mg/l
EC50 Daphnia 1	> 1000 mg/l
<b>subtilisin (9014-01-1)</b>	
LC50 fish 1	8,2 mg/l
EC50 Daphnia 1	0,17 mg/l
NOEC chronic crustacea	0,5 mg/l
NOEC chronic algae	0,63 mg/l
<b>Sodium percarbonate (15630-89-4)</b>	
LC50 fish 1	> 70 mg/l
EC50 other aquatic organisms 1	4,9 mg/l waterflea
NOEC (acute)	2 mg/l
<b>Sodium alkyl sulfate (68955-19-1)</b>	
LC50 fish 1	> 10 mg/l
EC50 Daphnia 1	> 10 mg/l
EC50 other aquatic organisms 1	> 10 mg/l Scenedesmus subspicatus
NOEC (chronic)	<= 1 mg/l Pimephales promelas

### 12.2. Persistence and degradability

<b>L01 - Laundry Eco Powder</b>	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
<b>Sodium hydroxide (1310-73-2)</b>	
Persistence and degradability	Not applicable.
<b>Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)</b>	
Persistence and degradability	Readily biodegradable, according to appropriate OECD test.
Biodegradation	>= 90 % (mod. OECD 303A)
<b>Ethoxylated Alcohol (157627-86-6/160901-19-9/68551-12-2/68439-50-9)</b>	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

<b>Sodium hydroxide (1310-73-2)</b>	
Log Pow	-3,88
Bioaccumulative potential	No bioaccumulation.
<b>Ethoxylated Alcohol (157627-86-6/160901-19-9/68551-12-2/68439-50-9)</b>	
Bioaccumulative potential	No bioaccumulation.
<b>Sodium sulphate (7757-82-6)</b>	
Log Pow	-3

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste / unused products : Collect all waste in suitable and labelled containers and dispose according to local legislation.  
European List of Waste (LoW) code : 20 01 29\* - detergents containing dangerous substances

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### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

#### 14.6. Special precautions for user

##### - Overland transport

No data available

##### - Transport by sea

No data available

##### - Air transport

No data available

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list  $\geq 0,1$  % / SCL

Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

Component	%
non-ionic surfactants, anionic surfactants, Oxygen-based bleaching agents	5-15%
soap, polycarboxylates	<5%
enzymes	
optical brighteners	
METHYL BENZOATE	
BHT	
TOCOPHEROL	
perfumes	

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

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Other information : It is recommended to pass the information of this safety data sheet in an appropriate form to the users. Such information is actually the best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other products.  
This safety data sheet is in compliance with 1907/2006/EEC. It is user's liabilities to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Ox. Sol. 2	Oxidising Solids, Category 2
Repr. 1B	Reproductive toxicity, Category 1B
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 1	Specific target organ toxicity — Single exposure, Category 1
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour.
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H360D	May damage the unborn child.
H370	Causes damage to organs.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
STOT SE 3	H335	Calculation method

# L01 - Laundry Eco Powder

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*