



## SAFETY DATA SHEET

### 6.8kg Espro Bio-laundry Powder

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

##### 1.1. Product identifier

<b>Product name</b>	6.8kg Espro Bio-laundry Powder
<b>Product number</b>	800-299-0052
<b>Internal identification</b>	ES90400-100
<b>Container size</b>	6.8kg
<b>UFI</b>	Q54Q-H1X3-KR0X-CYPW

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

<b>Identified uses</b>	Detergent. Laundry detergent.
<b>Uses advised against</b>	Use only for intended applications. Not for Oral Consumption. Do not use for personal cleansing.

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

<b>Supplier</b>	Eurosafe Limited 8a Hauley Road, Dartmouth, TQ6 9AA +44 (0)1803834266 sales@eurosafe.ltd.uk
<b>Contact person</b>	For content of safety data sheet:, sales@eurosafe.ltd.uk

##### 1.4. Emergency telephone number

<b>Emergency telephone</b>	+44 (0)1803834266 (Eurosafe)
<b>National emergency telephone number</b>	UK: In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 Ireland: For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166)

#### SECTION 2: Hazards identification

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

###### Classification (SI 2019 No. 720)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Eye Irrit. 2 - H319
<b>Environmental hazards</b>	Not Classified

##### 2.2. Label elements

###### Hazard pictograms



<b>Signal word</b>	Warning
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<b>Hazard statements</b>	H319 Causes serious eye irritation.
<b>Precautionary statements</b>	P102 Keep out of reach of children. P101 If medical advice is needed, have product container or label at hand. P264 Wash hands thoroughly after handling. 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. P302+P352 IF ON SKIN: Wash with plenty of water.
<b>Contains</b>	SODIUM CARBONATE, SODIUM PERCARBONATE

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SODIUM CARBONATE</b>		<b>10-30%</b>
CAS number: 497-19-8		EC number: 207-838-8
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Eye Irrit. 2 - H319	Xi;R36	
<b>SODIUM PERCARBONATE</b>		<b>5-10%</b>
CAS number: 15630-89-4		EC number: 239-707-6
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Ox. Sol. 3 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	Xn;R22. Xi;R41. O;R8.	
<b>SODIUM SILICATE CRYSTAL</b>		<b>5-10%</b>
CAS number: 1344-09-8		EC number: 215-687-4
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Xi;R41,R38.	
<b>C12-15 FATTY ALCOHOL 7MOL EO</b>		<b>1-5%</b>
CAS number: 68131-39-5		
M factor (Acute) = 1		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	Xn;R22. Xi;R41. N;R50.	

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<b>SODIUM DODECYLBENZENESULFONATE</b>		<b>1-5%</b>
CAS number: 68411-30-3		EC number: 270-115-0
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn;R22. Xi;R38,R41.	
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Chronic 3 - H412		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Provide eyewash station.
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and hold eyelids open widely. Get medical attention. Show this Safety Data Sheet to the medical personnel.

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

<b>Inhalation</b>	May cause respiratory irritation.
<b>Ingestion</b>	May cause discomfort if swallowed. Nausea, vomiting. Diarrhoea.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	May cause irritation to eyes.

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

<b>Notes for the doctor</b>	No specific recommendations.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	The product is non-combustible.
<b>Hazardous combustion products</b>	No known hazardous decomposition products.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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### SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

#### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Store in tightly-closed, original container. Keep container dry. Protect from moisture.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### SODIUM CARBONATE (CAS: 497-19-8)

**DNEL** Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

#### SODIUM PERCARBONATE (CAS: 15630-89-4)

**DNEL** Workers - Inhalation; Long term local effects: 5 mg/m<sup>3</sup>  
Workers - Dermal; Long term local effects: 12.8 mg/cm<sup>2</sup>  
Workers - Dermal; Short term local effects: 12.8 mg/cm<sup>2</sup>  
General population - Dermal; Long term local effects: 6.4 mg/cm<sup>2</sup>  
General population - Dermal; Short term local effects: 6.4 mg/cm<sup>2</sup>

**PNEC** - Fresh water; 0.035 mg/l  
- marine water; 0.035 mg/l  
- STP; 16.24 mg/l

#### SODIUM DODECYLBENZENESULFONATE (CAS: 68411-30-3)

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<b>DNEL</b>	<p>Industry - Inhalation; Long term systemic effects: 6 mg/m<sup>3</sup></p> <p>Industry - Inhalation; Long term local effects: 6 mg/m<sup>3</sup></p> <p>Industry - Dermal; Long term systemic effects: 85 mg/kg/day</p> <p>Consumer - Inhalation; Long term systemic effects: 1.5 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term local effects: 1.5 mg/m<sup>3</sup></p> <p>Consumer - Dermal; Long term systemic effects: 42.5 mg/kg/day</p> <p>Consumer - Oral; Long term systemic effects: 0.425 mg/kg/day</p>
<b>PNEC</b>	<p>- Fresh water; 0.268 mg/l</p> <p>- marine water; 0.0268 mg/l</p> <p>- Intermittent release; 0.0167 mg/l</p> <p>- STP; 3.43 mg/l</p> <p>- Sediment, Fresh water; 8.1 mg/kg</p> <p>- Sediment, marine water; 6.8 mg/kg</p> <p>- Soil; 35 mg/kg</p>

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

Eye protection not normally required.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Gloves made from the following material may provide suitable chemical protection: Rubber (natural, latex). Butyl rubber. Thickness: >0.5 mm Nitrile rubber. Thickness: >0.35 mm Polyvinyl chloride (PVC). For users with sensitive skin, it is recommended that suitable protective gloves are worn.

#### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

#### Respiratory protection

Respiratory protection not required.

#### Environmental exposure controls

Avoid releasing into the environment.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Powder.
<b>Colour</b>	White with blue speckles
<b>Odour</b>	Perfumed.
<b>Odour threshold</b>	Not applicable. Not applicable.

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<b>pH</b>	pH (diluted solution): 10.0 - 10.4 1%
<b>Relative density</b>	@ @ 20°C
<b>Bulk density</b>	0.750 - 0.850 kg/l
<b>Solubility(ies)</b>	Completely soluble in water.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The product contains a substance classified as oxidising. Does not meet the criteria for classification as oxidising.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

<b>Other information</b>	Not relevant.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not applicable.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Not relevant.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	Information given is based on data of the components and of similar products.
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#### Acute toxicity - oral

<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met. Calculation method.
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<b>ATE oral (mg/kg)</b>	4,607.51
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#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met. Calculation method.
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#### Acute toxicity - inhalation

<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Skin corrosion/irritation

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<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Does not contain any substances known to be mutagenic.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not classified.
<b>General information</b>	This product has low toxicity.
<b>Ingestion</b>	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Prolonged and frequent contact may cause redness and irritation.
<b>Eye contact</b>	Causes eye irritation. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision.

### 11.2 Information on other hazards

#### 11.2.1. Endocrine disrupting properties

#### 11.2.2 Other information

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** The product is not expected to be toxic to aquatic organisms.

### 12.2. Persistence and degradability

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**Persistence and degradability** There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties**

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Do not discharge into drains or watercourses or onto the ground.

**Disposal methods** Packaging is recyclable. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

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### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

#### National regulations

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).  
The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).  
The Hazardous Waste Regulations 2005.  
The Detergents Regulations 2010 (SI 2010 No. 740) (as amended). The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended). The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).  
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
EH40/2005 Workplace exposure limits.

#### EU legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)  
European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
European Regulation (EC) No 648/2004 on detergents (as amended).  
Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.  
System of specific information relating to Dangerous Preparations. 2001/58/EC.  
Waste Material Code 91/689/EEC

#### Guidance

Workplace Exposure Limits EH40.  
ECHA Guidance on the Application of the CLP Criteria.  
ECHA Guidance on the compilation of safety data sheets.  
Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

## 6.8kg Espro Bio-laundry Powder

<b>Abbreviations and acronyms used in the safety data sheet</b>	DNEL: Derived No Effect Level. PNEC: Predicted No Effect Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision. Addition of (GB) UK regulatory references. Change in supplier contact details Review with no changes to classification
<b>Revision date</b>	28/01/2025
<b>Revision</b>	1
<b>SDS number</b>	23701
<b>Risk phrases in full</b>	Not classified. 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. R50 Very toxic to aquatic organisms.
<b>Hazard statements in full</b>	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.