



# Electrolux

## SAFETY DATA SHEET

### P03 - Lagoon Grease Stain Remover

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

Product name P03 - Lagoon Grease Stain Remover

Product number P03 7873

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

Identified uses Detergent.

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

Supplier Electrolux Laundry Systems Sweden AB  
Ringvägen 14  
341 80 Ljungby, Sweden  
+46 372 66100  
+46 372 80861  
els.sds@electrolux.com

##### 1.4. Emergency telephone number

National emergency telephone number +44 1235 239670 (UK and Europe);  
+44 1235 239671 (Middle East/Africa); +973 1619 8321 (Bahrain/Middle East); +27 21 300 2732 (Africa/South Africa);  
+1 866 928 0789 Toll Free, +1 215 207 0061 Geographic, +1 202 464 2554 (US and Canada);  
+52 55 5004 8763 (Mexico); +55 11 3197 5891 (Brazil); +56 2 2582 9336 (Chile);  
+65 3158 1074 (East/South East Asia); +65 3158 1195 (Sri Lanka); +86 512 8090 3042 (China & Taiwan); +86 532 8388 9090 (China Mainland); +886 2 8793 3212 (Taiwan); +81 3 4578 9341 (Japan) 007 803 011 0293 (Indonesia); +60 3 6207 4347 (Malaysia); 001 800 120 666 751 (Thailand); +65 3158 1198 (India); 000 800 100 7479 (India); +65 3158 1329 (Pakistan); +65 3158 1200 (Bangladesh)  
+65 3158 1203 (Philippines); +84 8 4458 2388 (Vietnam); +65 3158 1285 (Korea); +82 2 3479 8401 (South Korea)  
+61 2 8014 4558 (Australia); +64 9 929 1483 (New Zealand)  
+44 1865 407333 (Global, English Only)

#### SECTION 2: Hazards identification

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

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

##### 2.2. Label elements

Pictogram



Signal word Warning

## P03 - Lagoon Grease Stain Remover

<b>Hazard statements</b>	H319 Causes serious eye irritation.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. 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.
<b>Detergent labelling</b>	≥ 30% aliphatic hydrocarbons, 5 - < 15% anionic surfactants

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

(2-methoxymethylethoxy) propanol			30-50%
CAS number: 34590-94-8	EC number: 252-104-2	REACH registration number: 01-2119450011-60-XXXX	
<b>Classification</b>	Not Classified		
2-butoxyethyl acetate			10-15%
CAS number: 112-07-2	EC number: 203-933-3	REACH registration number: 01-2119457112-47-0000	
<b>Classification</b>	Acute Tox. 4 - H312 Acute Tox. 4 - H332		
2-(2-butoxyethoxy) ethanol			10-15%
CAS number: 112-34-5	EC number: 203-961-6	REACH registration number: 01-2119475104-44-0000	
<b>Classification</b>	Eye Irrit. 2 - H319		
DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT			<10%
CAS number: 84961-74-0	EC number: 284-664-9	REACH registration number: 01-2119985163-33-XXXX	
<b>Classification</b>	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		
2,2'-OXYBISETHANOL			<10%
CAS number: 111-46-6	EC number: 203-872-2		
<b>Classification</b>	Acute Tox. 4 - H302		

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

## P03 - Lagoon Grease Stain Remover

Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin contact	Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Skin irritation.
Eye contact	This product is strongly irritating.

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

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

Specific hazards	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Sulphur.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Sulphur.

### 5.3. Advice for firefighters

Protective actions during firefighting	If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.
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### 6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

## P03 - Lagoon Grease Stain Remover

**Usage precautions** Avoid spilling. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Avoid contact with skin and eyes.

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

**Storage precautions** Avoid freezing. Keep container tightly closed.

**Storage class** Chemical storage.

### 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

#### Occupational exposure limits

##### (2-methoxymethylethoxy) propanol

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m<sup>3</sup>  
Sk

##### 2-butoxyethyl acetate

Long-term exposure limit (8-hour TWA): WEL 20 ppm 133 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute): WEL 50 ppm 332 mg/m<sup>3</sup>  
Sk

##### 2-(2-butoxyethoxy) ethanol

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

#### 2,2'-OXYBISETHANOL

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

#### (2-methoxymethylethoxy) propanol (CAS: 34590-94-8)

**DNEL**

Workers - Dermal; : 65 mg/kg bw/day  
General population - Oral; : 1.67 mg/kg bw/day  
General population - Inhalation; : 37.2 mg/m<sup>3</sup>  
General population - Dermal; : 15 mg/kg bw/day  
Workers - Inhalation; : 100 mg/m<sup>3</sup>

**PNEC**

- STP; 4168 mg/l  
- Fresh water; 19 mg/l  
- Soil; 2.74 mg/kg  
- Marine water; 1.9 mg/l  
- Sediment (Freshwater); 70.2 mg/kg dw  
- Water; 190 mg/l  
- Sediment (Marinewater); 7.02 mg/kg dw

#### 2-butoxyethyl acetate (CAS: 112-07-2)

## P03 - Lagoon Grease Stain Remover

DNEL	<p>Workers - Dermal; Short term systemic effects: 72 mg/kg/day</p> <p>Workers - Inhalation; Short term systemic effects: 50 ppm</p> <p>Workers - Inhalation; Short term local effects: 50 ppm</p> <p>Workers - Dermal; Short term local effects: Not Quantifiable</p> <p>Workers - Dermal; Long term systemic effects: 102 mg/kg/day</p> <p>Workers - Inhalation; Long term systemic effects: 20 ppm</p> <p>Workers - Dermal; Long term local effects: Not Quantifiable</p> <p>Workers - Inhalation; Long term local effects: Not Quantifiable</p> <p>General population - Dermal; Short term systemic effects: 27 mg/kg/day</p> <p>General population - Inhalation; Short term systemic effects: 499 mg/m<sup>3</sup></p> <p>General population - Oral; Short term systemic effects: 18 mg/kg/day</p> <p>General population - Dermal; Short term local effects: Not Applicable</p> <p>General population - Inhalation; Short term local effects: 166 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 36 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 4.3 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 67 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term local effects: Not Applicable</p> <p>General population - Inhalation; Long term local effects: Not applicable</p>
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PNEC	<ul style="list-style-type: none"> <li>- Fresh water; 0.304 mg/l</li> <li>- Marine water; 0.0304 mg/l</li> <li>- Sediment (Freshwater); 2.03 mg/kg</li> <li>- Sediment (Marinewater); 0.0203 mg/kg</li> <li>- Soil; 0.68 mg/kg</li> <li>- STP; 90 mg/l</li> </ul>
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### 2-(2-butoxyethoxy) ethanol (CAS: 112-34-5)

DNEL	<p>Consumer - Dermal; Long term systemic effects: 10 mg/kg/day</p> <p>Workers - Dermal; Long term systemic effects: 20 mg/kg/day</p> <p>Consumer - Inhalation; Short term local effects: 50.6 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term local effects: 34 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term local effects: 67.3 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term systemic effects: 34 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term systemic effects: 67.5 mg/m<sup>3</sup></p>
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PNEC	<ul style="list-style-type: none"> <li>- Fresh water; 1 mg/l</li> <li>- Sediment (Freshwater); 4 mg/kg</li> <li>- Intermittent release; 3.9 mg/l</li> <li>- Sediment (Marinewater); 0.4 mg/kg</li> <li>- Marine water; 0.1 mg/l</li> <li>- STP; 200 mg/l</li> </ul>
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## 8.2. Exposure controls

### Protective equipment



Appropriate engineering controls	No specific ventilation requirements.
Eye/face protection	The following protection should be worn: Chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Do not eat, drink or smoke when using this product.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## P03 - Lagoon Grease Stain Remover

### SECTION 9: Physical and Chemical Properties

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

Appearance	Liquid.
Colour	Yellow.
Odour	Characteristic.
pH	pH (concentrated solution): 6-8
Flash point	> 61°C Closed cup.
Relative density	1.01 @ 15°C
Solubility(ies)	Soluble in water.

#### 9.2. Other information

Other information	Not available.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	The following materials may react with the product: Acids. Oxidising agents. Reducing agents.
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#### 10.2. Chemical stability

Stability	No particular stability concerns.
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#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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#### 10.4. Conditions to avoid

Conditions to avoid	Avoid freezing.
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#### 10.5. Incompatible materials

Materials to avoid	Oxidising agents. Reducing agents. Acids.
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#### 10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen. Sulphur.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

Notes (oral LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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ATE oral (mg/kg)	5,555.56
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##### Acute toxicity - dermal

Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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ATE dermal (mg/kg)	7,857.14
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##### Acute toxicity - inhalation

Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.
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ATE inhalation (vapours mg/l)	78.57
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##### Skin corrosion/irritation

Skin corrosion/irritation	Irritating to skin.
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##### Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye irritation.
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## P03 - Lagoon Grease Stain Remover

### Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

### Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

### Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Genotoxicity - in vivo Based on available data the classification criteria are not met.

### Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

### Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

### Inhalation

This is unlikely to occur but symptoms similar to those of ingestion may develop.

### Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

### Skin contact

Prolonged skin contact may cause temporary irritation.

### Eye contact

Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

Acute and chronic health hazards Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

### Toxicological information on ingredients.

#### (2-methoxymethylethoxy) propanol

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,001.0

Species Rat

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

#### 2-butoxyethyl acetate

##### Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 400.0

ATE inhalation (vapours mg/l) 400.0

#### DODECYLBENZENE SULPHONIC ACID - ISOPROPYLAMINE SALT

##### Acute toxicity - oral

## P03 - Lagoon Grease Stain Remover

Acute toxicity oral (LD <sub>50</sub> mg/kg)	2,001.0
Species	Rat
ATE oral (mg/kg)	2,001.0

### 2,2'-OXYBISETHANOL

Acute toxicity - oral	
ATE oral (mg/kg)	500.0

## SECTION 12: Ecological Information

Ecotoxicity Low acute toxicity to aquatic organisms.

### 12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

#### (2-methoxymethylethoxy) propanol

##### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: >100 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , : >100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	LC <sub>50</sub> , : >100 mg/l, Algae
Acute toxicity - microorganisms	EC <sub>50</sub> , : >100 mg/l, Bacteria

#### 2-butoxyethyl acetate

##### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 28000 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 37 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>0</sub> , 72 hours: 300 mg/l, Pseudokirchneriella subcapitata EC <sub>50</sub> , 72 hours: 1570 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	EC <sub>10</sub> , 17 hours: 720 mg/l, PSEUDOMONAS PUTIDA EC <sub>50</sub> , 17 hours: 960 mg/l, PSEUDOMONAS PUTIDA

##### Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates	EC <sub>10</sub> , 7 days: 30.4 mg/l, Freshwater invertebrates
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#### 2-(2-butoxyethoxy) ethanol

##### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: >100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>50</sub> , 96 hours: >100 mg/l, Scenedesmus subspicatus

### 12.2. Persistence and degradability

## P03 - Lagoon Grease Stain Remover

**Persistence and degradability** The surfactant(s) contained in this product 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.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

### 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. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of contents/container in accordance with local regulations.

**EURAL Code**

## SECTION 14: Transport information

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

**Transport labels**

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 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 Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

**EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## P03 - Lagoon Grease Stain Remover

### SECTION 16: Other information

Revision comments	Updated to include US Jurisdiction
Revision date	04/04/2018
Revision	2
Supersedes date	28/04/2015
SDS number	7873/22239
Hazard statements in full	H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled.