

SAFETY DATA SHEET

Laundry Destainer Powder

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 Laundry Destainer Powder

Product number A0977/A0978

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

Identified uses Bleach

1.3. Details of the supplier of the safety data sheet

Supplier Able Cleaning and Hygiene Supplies
 Blenheim House
 27-33 Threxton Road Industrial Estate
 Watton
 Norfolk, IP25 6NG
 Tel: 01953 885 661
 Email: info@ablecleaningandhygiene.com

1.4. Emergency telephone number

National emergency telephone number NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H318 Causes serious eye damage.

Precautionary statements 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.
 P310 Immediately call a POISON CENTER/ doctor.

Contains Sodium Percarbonate Peroxyhydrate, Alcohols, C13-15, branched and linear, ethoxylated

Detergent labelling ≥ 30% oxygen-based bleaching agents, 15 - < 30% phosphates, < 5% non-ionic surfactants

2.3. Other hazards

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium Percarbonate Peroxyhydrate			30-50%
CAS number: 15630-89-4	EC number: 239-707-6	REACH registration number: 01-2119457268-30-XXXX	
Classification Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318			
SODIUM CARBONATE			10-15%
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-XXXX	
Classification Eye Irrit. 2 - H319			
Alcohols, C13-15, branched and linear, ethoxylated			1-3%
CAS number: 157627-86-6	EC number: 931-954-4		
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412			

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Get medical attention if any discomfort continues. Move affected person to fresh air at once.
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	Rinse with water. Get medical attention if any discomfort continues.
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	Severe irritation of nose and throat.
Ingestion	May cause stomach pain or vomiting. May cause chemical burns in mouth and throat.
Skin contact	Skin irritation.
Eye contact	Severe irritation, burning and tearing.

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

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Specific hazards	Not known.
Hazardous combustion products	Does not decompose when used and stored as recommended.
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.

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.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Do not touch or walk into spilled material. Sweep up and remove for disposal. Residues or small spillages may be flushed away with water. Inform authorities if large amounts are involved.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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

SODIUM CARBONATE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³ resp.dust

WEL = Workplace Exposure Limit

Sodium Percarbonate Peroxyhydrate (CAS: 15630-89-4)

DNEL

Industry - Inhalation; Long term local effects: 5 mg/m³
 Industry - Dermal; Long term local effects: 12.8 mg/cm³
 Industry - Dermal; Long term local effects: 12.8
 Consumer - Dermal; Short term local effects: 6.4 mg/cm³
 Consumer - Dermal; Long term local effects: 6.4 mg/cm³

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PNEC	<ul style="list-style-type: none"> - Fresh water; 0.035 mg/l - marine water; 0.035 mg/l - Water, Intermittent release; 0.035 mg/l - STP; 16.24 mg/l <p style="text-align: center;">PENTASODIUM TRIPHOSPHATE (CAS: 7758-29-4)</p>
DNEL	<p>Workers - Dermal; Short term systemic effects: 0.375 mg/kg bw/day</p> <p>Workers - Inhalation; Short term systemic effects: 0.661 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 0.375 mg/kg bw/day</p> <p>Workers - Inhalation; Long term systemic effects: 0.661 mg/l</p> <p>General population - Dermal; Short term systemic effects: 0.375 mg/kg dw</p> <p>General population - Inhalation; Short term systemic effects: 0.66 mg/kg bw/day</p> <p>General population - Oral; Short term systemic effects: 0.75 mg/kg bw/day</p> <p>General population - Oral; Long term systemic effects: 0.75 mg/kg bw/day</p> <p>General population - Inhalation; Long term systemic effects: 0.661 mg/m³</p> <p>General population - Dermal; Long term systemic effects: 0.375 mg/kg bw/day</p>
PNEC	<ul style="list-style-type: none"> - Fresh water; 0.005 mg/l - marine water; 0.005 mg/l - Intermittent release, Fresh water; 0.05 mg/l - Sediment (Freshwater); 0.19 mg/kg - Soil; 0.14 mg/kg <p style="text-align: center;">SODIUM CARBONATE (CAS: 497-19-8)</p>
Ingredient comments	WEL = Workplace Exposure Limits
DNEL	Workers - Inhalation; Long term local effects: 10 mg/m ³

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 skin contact.
Hygiene measures	Do not eat, drink or smoke when using this product.
Respiratory protection	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Granules.
Colour	White/off-white.
Odour	Mild.
pH	pH (diluted solution): 9.3-10.3 1 %
Solubility(ies)	Soluble in water.

9.2. Other information

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Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react with the product: Acids. Strong oxidising agents. Strong reducing agents.

10.2. Chemical stability

Stability Avoid the following conditions: Avoid contact with acids.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid contact with the following materials: Oxidising agents. Reducing agents. Avoid contact with acids.

10.5. Incompatible materials

Materials to avoid Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 2,342.76

Inhalation

Dust may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion

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

Skin contact

Irritating to skin.

Eye contact

Severe irritation, burning and tearing.

Acute and chronic health hazards

This product may cause skin and eye irritation. Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

Toxicological information on ingredients.

Sodium Percarbonate Peroxyhydrate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,034.0

Species Rat

ATE oral (mg/kg) 1,034.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

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Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 1,200.0

Species Rat

ATE inhalation (dusts/mists mg/l) 1,200.0

Alcohols, C13-15, branched and linear, ethoxylated

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 500.0

Species Rat

SECTION 12: Ecological information

Ecotoxicity Low acute toxicity to aquatic organisms.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

Sodium Percarbonate Peroxyhydrate

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 70.7 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 4.9 mg/l, Daphnia magna

SODIUM CARBONATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 300 mg/l, Freshwater fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 200-227 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: >2420 mg/l, Algae

Alcohols, C13-15, branched and linear, ethoxylated

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1-10 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 1-10 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 1-10 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC10, : >1000 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, : >0.1-<1 mg/l,

12.2. Persistence and degradability

Laundry Destainer Powder

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 The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product is soluble in water. No additional information available

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 waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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

Laundry Destainer Powder

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	Revision is to include emergency telephone number
Revision date	12/02/2019
Revision	2
Supersedes date	24/02/2015
SDS number	7212/22266
Hazard statements in full	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.