

our safety data sheet for...

Destainer Powder



DELPHIS
*eco PROFESSIONAL CLEANING

1. Identification of the substance/mixture & of the company/undertaking

1.1 Product Identifier

Product Name: Destainer Powder
Product Code: DSTP010

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

1.3 Details of the supplier of the safety data sheet

Company: Delphis Eco, Sustainable Workspaces, 25 Lavington Street, London SE1 0NZ

1.4 Emergency telephone number

Emergency phone number: t. 0203 397 0096 (office hours only) e: sales@delphiseco.com

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315
Most important adverse effects: Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

2.2 Label elements

Hazard statements: H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion

Precautionary statements: GHS07: Exclamation mark



P280: Wear protective gloves/eye protection.
P301+312: If swallowed: Call a doctor/first aid if you feel unwell.
P302+352: If on skin: Wash with plenty of water/.
P305+351+338: 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 doctor/first aid.
P321: Specific treatment (see instructions on this label).

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. Composition/Information on Ingredients

3.2 Mixtures

Ingredient Name	EINECS	CAS	CLP Classification	Percent
SODIUM CARBONATE REACH registered number(s): 01-2119485498-19	207-838-8	497-19-8	Eye Irrit. 2: H319	50-70%
SODIUM PERCARBONATE REACH registered number(s): 01-2119457268-30	239-707-6	15630-89-4	Ox. Sol. 3: H272; Acute Tox. 4: H302 Eye Dam. 1: H318	30-50%
DISODIUM METASILICATE	229-912-9	6834-92-0	Skin Corr. 1B: H314; STOT SE 3: H335 H302; Eye Dam. 1: H318	1-5%

Contains: Labelling in accordance with the Detergents Regulations EC 648/2004: 30% and more oxygen based bleaching agents.

4. First Aid Measures

4.1 Description of first aid measures

Eye contact: Avoid contact with eyes, if product gets into eyes, rinse with water.
Skin contact: Avoid contact with skin, if product gets onto skin wash with water and remove contaminated clothing.
Ingestion: Do not eat, if swallowed drinking water may be beneficial, do not induce vomiting.
Inhalation: Not applicable.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be severe pain. The eyes may water profusely. May cause permanent damage.
Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea.



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Inhalation: Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest.

4.3 Indication of immediate medical attention and special treatment needed

5. Fire Fighting Measures

5.1 Extinguishing Media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. Oxidising.

5.3 Advice for fire fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

7. Handling and Storage

7.1 Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific end uses

8. Exposure Controls/Personal Protection

8.1 Control parameters

Workplace exposure limits: No data available.

SODIUM PERCARBONATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	12.8 mg/cm ²	Workers	Local
DNEL	Inhalation	5 mg/m ³	Workers	Local
PNEL	Fresh water	0.035 mg/l	-	-

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Not normally required. However, protective device with particle filter is advised.
Hand protection: Wear protective gloves.
Eye protection: Wear safety glasses with side-shields. Ensure eye bath is to hand.
Skin protection: Wear protective clothing.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

State: Powder
Colour: White
Odour: Barely perceptible odour



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Solubility in water: Soluble
pH: 1% - Solution 12.0

9.2 Other Information

Other information: No data available.

10. Stability and Reactivity

10.1 Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical Stability

Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to Avoid

Conditions to avoid: Heat. Hot surfaces. Moist air.

10.5 Incompatible materials

Materials to avoid: Reducing agents. Strong acids.

10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

11. Toxicological Information

11.1 Information on toxicological effects

Hazardous ingredients:

SODIUM CARBONATE

ORL	MUS	LD50	6600 mg/kg
ORL	RAT	LD50	4090 mg/kg
SCU	MUS	LD50	2210 mg/kg

SODIUM PERCARBONATE

DERMAL	RBT	LD50	>2000 mg/kg
ORAL	RAT	LD50	2050 mg/kg

DISODIUM METASILICATE

ORL	MUS	LD50	770 mg/kg
ORL	RAT	LD50	1153 mg/kg

Relevant effects for mixture:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be severe pain. The eyes may water profusely. May cause permanent damage.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest.

12. Ecological Information

12.1 Toxicity

Hazardous ingredients:

SODIUM CARBONATE

DAPHNIA	48H EC50	200 mg/l
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SODIUM PERCARBONATE

DAPHNIA	48H EC50	4.9 mg/l
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12.2 Persistence and Degradability

Persistence and degradability: Not applicable.



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12.3 Bio-accumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4 Mobility in soil

Mobility: Soluble in water.

12.5 Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13. Disposal Recommendations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

Transport class: This product does not require a classification for transport.

15. Regulatory Information

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

Specific regulations: Not applicable.

15.2 Chemical safety assessment

16. Other Information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

- H272: May intensify fire; oxidiser.
- H302: Harmful if swallowed.
- H314: Causes severe skin burns and eye damage.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.

Training Advice: Normal use of this product shall imply use in accordance with the instructions on the packaging. Users should be trained in good industrial hygiene practise. This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH). Do not mix with other chemicals.

Date: 25.07.19

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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