

our safety data sheet for...  
**destainer powder**



**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, Unit 1, River Reach, Gartons Way, London SW11 3SX

**1.4 Emergency telephone number**

Emergency phone number: t. 0203 397 0096 (office hours only) f. 0870 974 7219 e: sales@delphiseco.com

**2. Hazards Identification**

**2.1 Classification of the substance or mixture**

Classification under CLP: Skin Corr. 1B: H314; STOT SE 3: H335  
Most important adverse effects: Causes severe skin burns and eye damage. May cause respiratory irritation.

**2.2 Label elements**

Hazard statements: H314: Causes severe skin burns and eye damage.  
H335: May cause respiratory irritation.

Signal words: Danger

Hazard pictograms: GH505: Corrosion  
GH507: Exclamation mark

Precautionary statements: P260: Do not breathe dust.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
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 POISON CENTER/doctor/first aid.  
P501: Dispose of contents/container to hazardous or special waste collection point.



**2.3 Other hazards**

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

**3. Composition/Information on Ingredients**

**3.2 Mixtures**

Ingredient Name	EINECS	CAS	CLP Classification	Percent
DISODIUM METASILICATE	229-912-9	6834-92-0	Skin Corr. 1B: H314; STOT SE 3: H335	50-70%
CHLORINATED TRISODIUM PHOSPHATE	642-943-6	56802-99-4	Skin Irrit. 2: H315; Eye Irrit. 2: H319	10-30%

**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: Avoid inhaling product, move to fresh air if in discomfort.

**4.2 Most important symptoms and effects, both acute and delayed**

Skin contact: Severe burns may occur. Ulceration will occur if treatment is not immediate.  
Eye contact: There may be severe pain. The eyes may water profusely. Corneal burns may occur. May cause permanent damage.  
Ingestion: Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.  
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**4.3 Indication of immediate medical attention and special treatment needed**

msds according to regulation (EC) no. 453/2010

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**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: Corrosive. In combustion emits toxic fumes.

**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.  
DNEL / PNEC Values: No data available.

**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: Acrid  
Solubility in water: Soluble  
pH: 7.0

**9.2 Other Information**

Other information: No data available.

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### 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. Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4 Conditions to Avoid

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

#### 10.5 Incompatible materials

Materials to avoid: Acids. Oxidising agents. Reducing agents. Acid chlorides.

#### 10.6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. Contact with acids liberates toxic gas.

### 11. Toxicological Information.

#### 11.1 Information on toxicological effects

Hazardous ingredients:

DISODIUM METASILICATE

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

CHLORINATED TRISODIUM PHOSPHATE

DERMAL	RBT	LD50	>2 g/kg
DUST/MIST	RAT	4H LC50	>2.16 mg/l
ORAL	RAT	LD50	4.8 g/kg

Relevant effects for mixture:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Skin contact: Severe burns may occur. Progressive ulceration will occur if treatment is not immediate.

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

Ingestion: Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

### 12. Ecological Information

#### 12.1 Toxicity

Ecotoxicity values: No data available.

#### 12.2 Persistence and Degradability

Persistence and degradability: Not applicable.

#### 12.3 Bio-accumulative potential

Bioaccumulative potential: No bioaccumulation potential.

#### 12.4 Mobility in soil

#### 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

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### 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

#### 14.1 UN number

UN number: UN3262

#### 14.2 UN Proper shipping name

Shipping name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (DISODIUM METASILICATE)

#### 14.3 Transport hazard classes

Transport class: 8

#### 14.4 Packing group

Packing group: III

#### 14.5 Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

#### 14.6 Special precautions for user

Special precautions: Limited Quantity - 5 L/kg

Tunnel code: E

Transport category: 3

### 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

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

### 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:

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

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: 22.05.18

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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