

SAFETY DATA SHEET Delphis Eco Washing Powder

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

1.1. Product identifier

Product name Delphis Eco Washing Powder
Product number WAS080

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

Identified uses Fully Built Alkaline Laundry Detergent

1.3. Details of the supplier of the safety data sheet

Supplier Delphis Eco Ltd
 1 River Reach
 Gartons Way
 London
 SW11 3SX
 Emergency: +44(0)2033970096
 Fax: +44(0)8709747219
 Email: support@delphiseco.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R41.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 EUH208 Contains FRAGRANCE COMPOSITION (CF). May produce an allergic reaction.

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Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM CARBONATE		10-30%
CAS number: 497-19-8		EC number: 207-838-8
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319	Xi;R36	
SODIUM PEROXY COMPOUND		10-30%
CAS number: 15630-89-4		EC number: 239-707-6
Classification	Classification (67/548/EEC or 1999/45/EC)	
Ox. Sol. 2 - H272	Xn;R22. Xi;R41. O;R8.	
Acute Tox. 4 - H302		
Eye Dam. 1 - H318		
SODIUM ALKYL BENZENE SULPHONATE		5-10%
CAS number: 85117-50-6		EC number: 285-600-2
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn;R22. Xi;R38,R41.	
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
SODIUM SILICATE		1-5%
CAS number: —		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315	Xi;R37/38,R41.	
Eye Dam. 1 - H318		
STOT SE 3 - H335		
2-HYDROXY-1,2,3-PROPANE TRICARBOXYLIC ACID		1-5%
CAS number: 5949-29-1		EC number: 201-069-1
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319	Xi;R36.	

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PRIMARY ALCOHOL ETHOXYLATE	1-5%
CAS number: 68439-54-3	EC number: 931-985-3
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.
Tetrasodium (1-Hydroxyethylidene)Bisphosphonate	1-5%
CAS number: —	EC number: 223-267-7
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36/38.
FRAGRANCE COMPOSITION (CF)	<1%
CAS number: —	
Classification Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) N;R51/53. R43.

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

Composition comments Contains 1 - 5% Polymer, Phosphonate, Citrates, TAED and Zeolites

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No specific recommendations. If in doubt, get medical attention promptly.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact	It is important to remove the substance from the skin immediately. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing. Chemical burns must be treated by a physician.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Unlikely to occur
Ingestion	May cause stomach pain or vomiting.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	May cause temporary eye irritation.

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

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Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use media appropriate for surrounding fire

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products None at ambient temperatures.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear appropriate personal protective clothing including goggles and gloves.

6.2. Environmental precautions

Environmental precautions 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 and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Avoid contact with eyes

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)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM CARBONATE

Short-term exposure limit (15-minute): 4 mg/m³

Ingredient comments OES = Occupational Exposure Standard.

8.2. Exposure controls

Protective equipment



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Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.
Eye/face protection	Wear chemical splash goggles.
Hand protection	Use suitable PVC protective gloves
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	White with blue/green speckles
Odour	Pleasant, agreeable.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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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	None Known
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10.4. Conditions to avoid

Conditions to avoid	Avoid contact with the following materials: Strong mineral acids.
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10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products	No specific hazardous decomposition products noted.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
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Acute toxicity - oral

ATE oral (mg/kg)	2,212.39
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Inhalation	No specific health hazards known.
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Ingestion	May cause internal injury.
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Skin contact	Irritating to skin.
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Eye contact Risk of serious damage to eyes.

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity No information available

12.2. Persistence and degradability

Persistence and degradability The product contains mainly inorganic substances which are not biodegradable. The other substances in the product are expected to be readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Not expected to bioaccumulate

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not Applicable

12.6. Other adverse effects

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.

SECTION 14: Transport information

General Not hazardous for road transport

14.1. UN number

UN No. (ADR/RID) 0

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport labels

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

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National regulations	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste) Regulations 1980 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	System of specific information relating to Dangerous Preparations. 2001/58/EC.
Guidance	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

SECTION 16: Other information

General information	This information is given in good faith and is based upon current available data. The suitability of this product for any particular use is not suggested. The user must determine if the product is correct for any particular application. This document is not a specification.
Key literature references and sources for data	Dangerous Properties of Industrial Materials Report, N.Sax et.al.
Revision date	03/11/2016
Revision	02
SDS number	242
Risk phrases in full	Not classified. R22 Harmful if swallowed. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R37/38 Irritating to respiratory system and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R42 May cause sensitisation by inhalation. R43 May cause sensitisation by skin contact. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R8 Contact with combustible material may cause fire.
Hazard statements in full	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H411 Toxic to aquatic life with long lasting effects. EUH208 Contains FRAGRANCE COMPOSITION (CF). May produce an allergic reaction.