



...advanced chemical
solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

EP 15106 BIOLOGICAL PORTALOO ADDITIVE

Revision 1

Revision date 2015-06-15

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

1.1. Product identifier

Product name	EP 15106 BIOLOGICAL PORTALOO ADDITIVE
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk
Email address of the competent person	sales@assuredsolutionsltd.co.uk

1.4. Emergency telephone number

Emergency telephone number	01530 272 922
Company	ASSURED SOLUTIONS LTD 24hrs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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2.2. Label elements

Precautionary Statement: Prevention	P102 - Keep out of reach of children. P103 - Read label before use.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . 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.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES
Risk phrases	No Significant Hazard

2.3. Other hazards

Other hazards	SPILLAGE MAY CREATE SLIP HAZARD.
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SECTION 3: Composition/information on ingredients

EP 15106 BIOLOGICAL PORTALOO ADDITIVE

Revision 1
Revision date 2015-06-15

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					80 - 90%		
LAURYL BETAINE		66455-29-6	266-368-1		0 - 0.5%	Xi; R38-41	
AMYLASE FROM BASCILLUS SUBTILUS		9000-85-5			0 - 0.5%		
LIPASE FROM PENICILLIUM ROQUEFORT		9001-62-1			0 - 0.5%		
SUSPENSION OF BACILUS SUBTILLUS SPORES AND BACTERIUM PERFUME					0 - 0.5%		
Amylase, a-	647-015-00-4	9000-90-2	232-565-6		1 - 10%		
DYE					0 - 0.5%	R42	
CITRIC ACID		5949-29-1	201-069-1		0 - 0.5%	Xi; R36	

EC 1272/2008

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Amylase, a-	647-015-00-4	9000-90-2	232-565-6		1 - 10%		
DYE					0 - 0.5%	Resp. Sens. 1: H334;	
CITRIC ACID		5949-29-1	201-069-1		0 - 0.5%	Eye Irrit. 2: H319;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air. No Significant Hazard.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	No Significant Hazard. May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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EP 15106 BIOLOGICAL PORTALOO ADDITIVE

Revision 1

Revision date 2015-06-15

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing. CONCENTRATED DYE SOLUTION; MAY STAIN CLOTHING AND SKIN.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

	Not normally required.
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8.2.2. Individual protection measures

	No safety clothing required.
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Eye / face protection

	In case of splashing, wear:.. Approved safety goggles.
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Skin protection - Handprotection

	Chemical resistant gloves (PVC).
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Various
Odour	Perfumes
pH	4 - 7
Relative density	1 - 1.04
Solubility	Soluble in water

SECTION 10: Stability and reactivity**10.2. Chemical stability**

	Stable under normal conditions.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

	No data is available on this product.
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Skin corrosion/irritation

	May cause irritation to eyes. May cause irritation to skin.
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SECTION 12: Ecological information**12.1. Toxicity**

CITRIC ACID	Fish LC50/96h: 500.000 mg/l
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EP 15106 BIOLOGICAL PORTALOO ADDITIVE

Revision 1
Revision date 2015-06-15

12.1. Toxicity

No data is available on this product.

12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. More than 90% biodegradable. Readily biodegradable.

12.3. Bioaccumulative potential

Does not bioaccumulate.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.2. Chemical safety assessment

No chemical Safety assessment has been carried out by the supplier.

Further information

CONCENTRATED DYE SOLUTION; MAY STAIN CLOTHING AND SKIN.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:.

- 1 - REACH.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Disposal.
- 9 - 9.1. Information on basic physical and chemical properties (Colour).
- 15 - 15.2. Chemical safety assessment.

Text of risk phrases in Section 3

R36 - Irritating to eyes.
R38 - Irritating to skin.

EP 15106 BIOLOGICAL PORTALOO ADDITIVE

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Other information

Text of Hazard Statements in Section 3	R41 - Risk of serious damage to eyes. R42 - May cause sensitisation by inhalation.
	Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. Eye Irrit. 2: H319 - Causes serious eye irritation.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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