



## SAFETY DATA SHEET



## So-pure Ultima Essential Biological Laundry Detergent

Revision Date 23<sup>rd</sup> October 2012

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

<b>Product Name</b>	So-pure Ultima Essential Biological Laundry Detergent
<b>Synonyms, Trade Name</b>	So-pure Ultima Essential Biological Laundry Detergent
<b>Application</b>	<b>Laundry Detergent</b>

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SDS No. C2/368

## 2. HAZARDS IDENTIFICATION

Irritating to eyes

<b>Classification</b>	Xi; R36
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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

NAME	EC No.	CAS-No.	Content	Classification
1- Hydroxyethylidene- 1, 1-diphosphonic	N/a	2809-21-4	<5%	Xi;R41
Benzenesulphonic acid, mono C10-13 alkyl derivs, potassium salts	N/a	85480-57-5	<5%	Xn; R22. Xi;R38,R41
Benzenesulphonic acid, mono C10-14 alkyl derivs, compds with ethanolamine	N/a	99924-499	<5%	Xn; R22. Xi;R38,R41
C12-C15 alcohol ethoxlate	N/a	68551-12-2	<5%	Xn; R22. Xi; R41. N;R50
Coconut diethanolamide	N/a	68603-42-9	<5%	Xi;R38,R41
Fatty acids, coco, compods. With ethanolamine	N/a	66071-80-5	<5%	Xi;R36/38
Fatty acids, coco, potassium salts	N/a	61789-30-8	<5%	Xi;R36/38
Sodium C10-C16 alkyl ethoxy sulphate	N/a	68585-34-2	<5%	Xi;R38,R41
Lipase	232-619-9	9001-62-1	<5%	Xn; R42
Alcalase	N/a	N/a	<5%	Xn; R42, Xi; R36/38
Termamyl	N/a	N/a	<5%	Xn; R42. Xi; R36/38

## 4. FIRST-AID MEASURES

The Full Text For all R- Phrases Are Displayed in Section 16

<b>General Information</b>	General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if discomfort continues.
<b>Inhalation</b>	Irritation of nose, throat and airway. Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Get medical advice if discomfort continues.
<b>Skin Contact</b>	Irritating to skin. Wash off immediately with plenty of soap & water. Remove any contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Eye Contact</b>	Rinse immediately with plenty of water for 15 minutes holding eyelids open. Seek medical attention if irritation or symptoms persists

5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media Use:</b>	This product is not flammable, use extinguisher to suit surrounding materials
<b>Unusual Fire &amp; Explosion Hazards</b>	None
<b>Specific Hazard</b>	Burning produces irritating, toxic and obnoxious fumes
<b>Protective Measures in Fire</b>	Self contained breathing apparatus and full protective clothing must be worn in case of fire

6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Observe normal standards of industrial hygiene for handling chemicals. Avoid contact with skin and eyes
<b>Environmental Precautions</b>	The material is designed for laundry use and normal safe disposal to foul sewer. In the event of a spillage of a large amount of liquid, entry to surface water drainage should be avoided. Major spillage losses to surface drainage must be notified to the local waste authority
<b>Spill Cleanup Methods</b>	Absorb with inert, absorbent material. Transfer to suitable labelled containers for disposal. Clean spillage area with thoroughly with plenty of water

7. HANDLING AND STORAGE

<b>Usage Precautions</b>	Avoid contact with eyes & skin. Adopt best Manual Handling consideration when handling, carrying and dispensing.
<b>Storage Precautions</b>	Keep in a cool, dry, well ventilated area. Keep container tightly closed. Store in correctly labelled containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Wel= Workplace exposure limits

Protective Equipment



<b>Respiratory Equipment</b>	If ventilation is insufficient, suitable respiratory protection must be provided
<b>Hand Protection</b>	Chemical resistant gloves (PVC)
<b>Eye Protection</b>	Approved face protection
<b>Other Protection</b>	Overalls, wear rubber apron, wear rubber footwear
<b>Engineering Measures</b>	Ensure well ventilated working area
<b>Hygiene Measures</b>	Do Not Smoke In Work Area! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid		
<b>Colour</b>	Blue		
<b>Odour</b>	Pleasant		
<b>Solubility</b>	In water		
<b>Boiling Point</b>	100°C		
<b>Vapour Pressure</b>			

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal temperature conditions		
<b>Materials To Avoid</b>	Strong oxidising agents		
<b>Conditions To Avoid</b>	Heat, Direct sunlight, Do not allow to freeze		
<b>Hazardous Decomposition Products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gasses or vapours.		

## 11. TOXICOLOGICAL INFORMATION

No Significant Hazard

## 12. ECOLOGICAL INFORMATION

<b>Biodegradability</b>	The product is intended for wide dispersive use and is compatible with the down-the-drain route. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. The surfactants contained within this preparation comply with the biodegradability criteria as laid down in regulation EC/648/2004 on detergents
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## 13. DISPOSAL CONSIDERATIONS

<b>General Information</b>	Disposal of in compliance with local and national regulations
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## 14. TRANSPORT INFORMATION

The Product is not classified as dangerous for carriage

## 15. REGULATORY INFORMATION

<b>Labelling</b>				
	Irritant			
<b>Risk Phrases</b>	R36 – Irritating to eyes			
<b>Safety Phrases</b>	S2 – Keep out of reach of Children S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/38 – Wear suitable gloves and eye/face protection S45 – In case of accident or if you feel unwell, seek medical advice immediately			
<b>Statutory Instruments</b>	Chemicals (Hazard information and packaging) regulations			
<b>Approved Code of Practice</b>	Safety data sheets of substances and preparations. Classification and labelling of substances and preparations dangerous to supply			
<b>Guidance Notes</b>	CHIP for everyone HSG(108). Workplace Exposure Limits EH40			

16. OTHER INFORMATION	
<b>REV. No. / REPL. SDS</b>	
<b>Generated</b>	26 <sup>th</sup> August 2011
<b>SDS No.</b>	C2/368
<b>Safety Data Sheet Status</b>	
<b>Approved.</b>	
<b>Signature</b>	
<b>Risk Phrases in Full</b>	R22 – Harmful if swallowed R36 – Irritating to eyes R38 – Irritating to skin R41 – Risk of serious damage to eyes R42 – May cause sensitization by inhalation R50 – Very toxic to aquatic organisms
<b>Notes</b>	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.