



SAFETY DATA SHEET

Atlantis Biological Laundry Detergent

Revision Date 18th December 2012

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

Product Name	Atlantis Biological Laundry Detergent
Synonyms, Trade Name	Atlantis Biological Laundry Detergent
Application	Laundry Detergent

Supplier Atlantis Hygiene Professional
By Andway Healthcare
Atlantis House
Manse Lane
Knaresborough
North Yorkshire
HG5 8LF

Emergency Contact Number 01423 331 000

SDS No. C2/509

2. HAZARDS IDENTIFICATION

Irritant

Classification	Xi;R36/38
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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

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

4. FIRST-AID MEASURES

General Information	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.
Inhalation	Irritation of nose, throat and airway. Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
Ingestion	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.
Skin Contact	Irritating to skin. Wash off immediately with plenty of soap & water. Remove any contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye Contact	Rinse immediately with plenty of water for 15 minutes holding eyelids open. Seek medical attention if irritation or symptoms persists

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Observe normal standards of industrial hygiene for handling chemicals. Avoid contact with skin and eyes
Environmental Precautions	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
Spill Cleanup Methods	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

Usage Precautions	Avoid contact with eyes & skin. Adopt best Manual Handling consideration when handling, carrying and dispensing.
Storage Precautions	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



Respiratory Equipment	If ventilation is insufficient, suitable respiratory protection must be provided
Hand Protection	Chemical resistant gloves (PVC)
Eye Protection	Approved face protection
Other Protection	Overalls, wear rubber apron, wear rubber footwear
Engineering Measures	Ensure well ventilated working area
Hygiene Measures	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

Appearance	Liquid		
Colour	Blue		
Odour	Pleasant		
Solubility	In water		
Boiling Point	100°C		
pH	9.5		

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

No Significant Hazard

12. ECOLOGICAL INFORMATION

Biodegradability	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

General Information	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

Labelling				
	Irritant			
Risk Phrases	R36 – Irritating to eyes			
Safety Phrases	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			
Statutory Instruments	Chemicals (Hazard information and packaging) regulations			
Approved Code of Practice	Safety data sheets of substances and preparations. Classification and labelling of substances and preparations dangerous to supply			
Guidance Notes	CHIP for everyone HSG(108). Workplace Exposure Limits EH40			

16. OTHER INFORMATION

REV. No. / REPL. SDS	
Generated	24 th August 2012
SDS No.	C2/509
Safety Data Sheet Status	
Approved.	24 th August 2012
Signature	
Risk Phrases in Full	R22 – Harmful if swallowed R36 – Irritating to eyes R38 – Irritating to skin R41 – Risk of serious damage to eyes R42 – May cause sensation by inhalation R50 – Very toxic to aquatic organisms
Notes	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.