

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Bio-Purinel

Revision 15

Revision date 2013-02-13

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

1.1. Product identifier

Product name	Bio-Purinel
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
Description	Non-pressurised pump refill containing an aqueous liquid formulation of non pathogenic bacterial cultures and chemical cleaners for use in combination with proprietary automated dispensers.

1.3. Details of the supplier of the safety data sheet

Company	Rubbermaid Commercial Products LLC
Address	Newell Rubbermaid Europe Sàrl Chemin de Blandonnet 10 CH-1214 Vernier / Geneva / Switzerland
Web	www.rubbermaid.eu/contact
Telephone	+44 (0)8705 686 824
Fax	+44 (0)2030 279 352
Email	sds.CommercialProducts@newellco.com

Local Supplier

Company	Newell Poland Services Sp. z o. o.
Address	2 Ul. Wybickiego Manieczki Brodnica 63-112 Poland
Web	www.rubbermaid.eu/contact
Telephone	+44 (0)8705 686 824
Fax	+44 (0)2030 279 352

1.4. Emergency telephone number

Emergency telephone number	+44 (0)8705 686 824 Monday till Friday (08:30 - 17:00)
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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

Risk phrases	No Significant Hazard.
Safety phrases	S2 - Keep out of the reach of children.

Further information

Classification system	For mixtures, classification is in compliance with Regulation (EC) 1999/45. The classification is in
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Further information

line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium Laureth Sulfate		68891-38-3	221-416-0		< 1%	Xi; R38-41
Micro Organism Spore Concentrate					< 1%	

Further information

Additional Information: Description	Regulation (EU) 453/2010 - Substances in compliance with Regulation (EC) 1272/2008. Sodium laureth sulphate - Skin Irrit. 2: H315; Eye Dam. 2: H318; GHS05;.
	Full text for all Risk Phrases mentioned in this section are displayed in Section 16.
	Class 1 micro-organisms (European Federation of Biotechnology) selected from the natural environment.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Unlikely to occur when used as directed.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash with soap and water.
Ingestion	Unlikely to occur when used as directed.

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

Eye contact	May cause irritation to eyes.
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4.3. Indication of any immediate medical attention and special treatment needed

Eye contact	Seek medical attention if irritation or symptoms persist.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Not normally required.
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5.2. Special hazards arising from the substance or mixture

	This product does not contain any substances classified as hazardous to health.
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5.3. Advice for firefighters

	Wear suitable protective clothing, gloves and eye/face protection.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective clothing.
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6.2. Environmental precautions

	No precautions required to be mentioned.
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6.3. Methods and material for containment and cleaning up

	No special precautions, except to be aware that spillages will make floors slippery.
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SECTION 7: Handling and storage

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7.1. Precautions for safe handling

No precautions required to be mentioned.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed.
Store in a cool, dry area. Store at temperatures above 5 °C.
Store at temperatures below 30 °C.
Protect from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
8.2.2. Individual protection measures	Not required when used as directed.
Eye / face protection	Not required when used as directed.
Skin protection - Handprotection	Not required when used as directed. Wash hands after handling the product.
Respiratory protection	Not required when used as directed.
Occupational exposure controls	Wash hands during breaks and at the end of the work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	According to Product specification.
Odour	Slight
pH	6.6 ± 0.2
Boiling point	100 °C
Relative density	1.000 ± 0.006

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Will not decompose if stored and used as recommended.

10.4. Conditions to avoid

Do NOT allow to freeze.
Direct sunlight.
Heat, sparks and open flames.

10.6. Hazardous decomposition products

Carbon oxides may be formed in fire conditions.

SECTION 11: Toxicological information

11.1.3. Hazard Information

Not classified as hazardous.

11.1.4. Toxicological Information

Sodium Laureth Sulfate	Dermal Rat LD50: 2,000	Oral Rat LD50: 2,000
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No known adverse health effects.

SECTION 12: Ecological information

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12.1. Toxicity

Sodium Laureth Sulfate	Algae EC50/72h: 27 Brachydanio Rerio LC50/96h: 7.1	Daphnia LC50/48h: 7.4
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12.2. Persistence and degradability

	Readily biodegradable.
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12.3. Bioaccumulative potential

	Does not bioaccumulate.
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12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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12.6. Other adverse effects

	No data available.
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Further information

	Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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Disposal of packaging

	Containers can be recycled if in compliance with local and national regulations.
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SECTION 14: Transport information

ADR/RID

	The product is not classified as dangerous for carriage.
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IMDG

	The product is not classified as dangerous for carriage.
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IATA

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

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

Regulations	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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Further information

	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive</p>
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Further information	
	1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
SECTION 16: Other information	
Other information	
Revision	This document differs from the previous version in the following areas: 3 - Further information. 16 - General information.
Text of risk phrases in Section 3	R38 - Irritating to skin. R41 - Risk of serious damage to eyes.
General information	
	Additional information in compliance with Regulation (EC) 1272/2008. H315 - Causes skin irritation. H318 - Causes serious eye damage.
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. *.
Informing Department	Technical Services Department.