

SAFETY DATA SHEET

LAUNDRY DETERGENT BIO

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Compilation date: 20/11/2012

Revision No: 1

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

1.1. Product identifier

Product name: LAUNDRY DETERGENT BIO

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

1.3. Details of the supplier of the safety data sheet

Company name: Soluclean Ltd
1st & 2nd Floor, Gladstone House
26-30 Station Road
Urmston
Manchester
M41 9JQ
UK

Tel: +44 (0)161 629 2120

Email: info@soluclean.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)161 629 2120
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xn: R22; Xi: R38; Xi: R41

Classification under CLP: Skin Irrit. 2: H315; Acute Tox. 4: H302; Eye Dam. 1: H318; -: EUH208

Most important adverse effects: Harmful if swallowed. Irritating to skin. Risk of serious damage to eyes.

2.2. Label elements

Label elements under CLP:

Hazard statements: EUH208: Contains subtilisin, salt of las, alcohol ethoxylates ae7, alcohols, c7-21-ethoxylated, sodium silicate, sodium carbonate peroxide, citronellol, geraniol, hexyl cinnamic acid. May produce an allergic reaction.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark

[cont...]

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Precautionary statements: P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor.
P330: Rinse mouth.

Label elements under CHIP:

Hazard symbols: Harmful.



Risk phrases: R22: Harmful if swallowed.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39: Wear eye / face protection.

Precautionary phrases: Contains subtilisin, geraniol, hexyl cinnamic acid. May produce an allergic reaction.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

SODIUM CARBONATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
207-838-8	497-19-8	Xi: R36	Eye Irrit. 2: H319	30-50%

SALT OF LAS

-	68081-81-2	Xn: R22; Xi: R38; Xi: R41	-	10-30%
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ALCOHOL ETHOXYLATES AE7

-	64425-86-1	Xn: R22; Xi: R41; N: R50	-	1-10%
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ALCHOLS, C7-21-ETHOXYLATED

-	68439-45-2	Xi: R38; Xi: R41	-	1-10%
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SODIUM SILICATE

-	13870-28-5	Xi: R36	-	1-10%
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SODIUM CARBONATE PEROXIDE

-	15630-89-4	O: R8; Xn: R22; Xi: R36/38	-	1-10%
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SUBTILISIN

232-752-2	9014-01-1	Xi: R37/38; Xi: R41; Sens.: R42; N: R50	STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Resp. Sens. 1: H334; Aquatic Acute 1: H400	<1%
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GERANIOL

-	106-24-1	Xi: R36/38; Sens.: R43; N: R51/53	-	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

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

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Product itself is not explosive or flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO2, dry chemical powder, alcohol resistant foam or other media appropriate for materials actually involved with fire. If water is used, contain the run-off

5.2. Special hazards arising from the substance or mixture

Exposure hazards: When heated sufficiently, product may decompose to form smoke and toxic fumes

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with skin and eyes. Refer to section 8 of SDS for personal protection details.

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6.2. Environmental precautions

Environmental precautions: Although this product is suitable for down the drain disposal it is advised that as much of the dry material is contained before final dispersal of any residue with water

6.3. Methods and material for containment and cleaning up

Clean-up procedures: If a small spill, sweep up using a brush and shovel into container for disposal Use industrial vacuum cleaner to remove material.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid contact with skin and eyes. Avoid inhalation of high concentrations of mists.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep in original container. Store in a cool dry place with sufficient ventilation

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Respiratory protection: Particle filter class P2S (EN143).

Hand protection: Protective gloves. Nitrile gloves.

Eye protection: Safety glasses with side-shields. Tightly fitting safety goggles.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: Blue

Odour: Characteristic odour

Solubility in water: Highly soluble

pH: 10.4

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

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10.1. Reactivity

Reactivity: Not applicable.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Not applicable.

10.4. Conditions to avoid

Conditions to avoid: None

10.5. Incompatible materials

Materials to avoid: Do not mix with other cleaning products unless advised to do so by a professional from the industry

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	ING	Hazardous: calculated
Irritation	OPT DRM	Hazardous: calculated

Symptoms / routes of exposure

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

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Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

R8: Contact with combustible material may cause fire.

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

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.

R50: Very toxic to aquatic organisms.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.