

MATERIAL SAFETY DATA SHEET



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 22/04/2015 Version: 6.0

EXCEDO BIO LAUNDRY POWDER

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

1.1 Product Identifier

Product Form	Mixture.
Product Name	Excedo Bio Laundry Powder.
Product Code	LA481024
Type of Product	Trade product.

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

Main use Category	Professional use.
Industrial/Professional use spec	For professional use only.
Use of the Substance/Mixture	Washing and cleaning products (including solvent based products).

1.2.2 Relevant identified uses of the substance or mixture and uses advised against

No additional information available.

1.3 Details of the supplier of the safety data sheet

Company	Global Consortium Ltd
Address	Oakhurst Business Park, Southwater, West Sussex, RH13 9RT

1.4 Emergency telephone number


Emergency Telephone	(+44) 800 046 9008
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SECTION 2: Hazards identification

2.1 Classification of the substance mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Eye Irrit. 2 - H319
2.1.2 Classification according to Directive 67/548/EEC or 1999/45/ EC	Xi; R36

2.2 Label elements - Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms (CLP)	 GHS07
Signal word (CLP)	Warning.
Hazard statements (CLP)	H319 - Causes serious eye irritation.
Precautionary Statements (CLP)	P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P301+P312 - IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell 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

2.3 Other Hazards

No presence of PBT and vPvB ingredients.
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SECTION 3: Composition/Information on Ingredients

3.1 Substances

Not applicable.

SECTION 3.2: Mixtures

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification According to Directive 67/548/EEC
SODIUM CARBONATE	(CAS No) 497-19-8 (EC) 207-838-8	1.5 - 3.0	Eye Dam. 1: H318; Skin Irrit. 2: H315; Acute Tox. 4: H302	Xi; R36.
SODIUM CARBONATE PEROXIDE	(CAS No) 15630-89-4 (EC) 239-707-6	5 - 15	Ox Sol. 3, H272 Acute Tox. 4, H302 Eye Dam. 1, H318	Xn; R22. Xi; R36, R38. O; R8
SODIUM SILICATE PENTAHYDRATE	(CAS No) 6834-92-0 (EC) 229-912-9	1 - 5	Skin Corr. 1B: H314 STOT SE3, H335	C; R34, Xi; R37
SODIUM ALKYL BENZENE SULPHONATE	(CAS No) 85117-50-6 (EC) 285-600-2	1 - 5	Acute Tox. 4, H302 1 Skin Irrit. 2, H315 Eye Dam. 1, H318	Xn;R22. Xi;R41,R38.
ALCOHOLETHOXYLATES AE7	(CAS No) 6442586-1	1 - 5	Acute Tox. 4, H302, H318 Aquatic Acute 1, H400	Xn; R22. Xi; R41. N; R50
ALCOHOL ETHOXYLATES	(CAS No) 6843945-2	1 - 5	Acute Tox. 4, H302 Eye Dam. 1, H318	Xn; R22. Xi; R41
ENZYMES	(CAS No) 9014-01-1 (EC) 232-752-2	0.1 - 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335	Xi; R37/38, R41, R42. Xn; R22. N; R50

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation	IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if you feel unwell.
First-aid measures after skin contact	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention, and discontinue use of product.
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
First-aid measures after ingestion	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	Coughing. sneezing.
Symptoms/effects after skin contact	Redness. Swelling. dryness. Itching.
Symptoms/effects after eye contact	Severe pain. Redness. Swelling. Blurred vision.
Symptoms/effects after Ingestion	Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhoea.

4.3 Indication of any immediate medical attention and special treatment needed

Refer to section 4.1.

SECTION 5: Firefighting methods

5.1 Extinguishing media

Suitable 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 CO ₂ , dry chemical powder, alcohol resistant foam or other media appropriate for materials actually involved in the fire. If water is used, contain runoff.
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5.2 Special hazards arising from the substance or mixture

When heated sufficiently, product may decompose to form smoke and toxic fumes.

5.3 Advice for firefighters

Fire fighters should wear approved self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental release measures

6.1.1 For non-emergency personnel

Personal precautions	Avoid contact with skin and eyes. For appropriate personal protection see section 8.
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6.2 Environmental precautions

Although this product is suitable for down the drain disposal it is advised that as much of the solid is contained and scooped up, before final dispersal of any residue with water.

6.3 Methods and material for containment and cleaning up

Prevent leakage into sewers or surface water by utilising bunding, absorbent booms, drain covers and soil or sand dikes. Contact appropriate environmental protection agencies, (Environment Agency in the UK) and local water authorities if significant contamination occurs. For small and large spills: scoop spillage into suitable plastic containers and rework/ dispose as per local legislation.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling	Avoid contact with neat product on skin and eyes. Wear protective clothing as per section 8.
Hygiene measures	Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions	Store in closed original container in a cool and dry area.
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Special rules on packaging

No additional information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters -

Sodium Carbonate (497-19-8)

DNEL/DMEL (Workers)
Long-term - local effects, inhalation 10 mg/m³
DNEL/DMEL (General population)
Acute - local effects, inhalation 10 mg/m³

8.2 Exposure controls	
Engineering measures	Not applicable.
Hand protection	It is advised to wear gloves during direct contact and hand-washing.
Eye protection	Wear eye/face protection.
Skin and body protection	Not applicable.
Respiratory protection	Not applicable.

8.2.3. Environmental exposure controls:

Not available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Powder.
Appearance	White powder with coloured speckles.
Colour	White powder with coloured speckles.
Odour	Pleasant.
Odour threshold	No data available.
pH	(10% aqueous solution) : ca. 11
Relative evaporation rate (butylacetate=1)	No data available.
Melting point	No data available.
Freezing point	No data available.
Boiling point	No data available.
Flash point	Not combustible.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.

Flammability (solid, gas)	Not combustible.
Vapour pressure	No data available.
Relative vapour density at 20 °C	No data available.
Relative density	No data available.
Solubility	Soluble
Log Pow	No data available.
Viscosity, kinematic	No data available.
Viscosity, dynamic	No data available.
Explosive properties	Non-Explosive.
Oxidising properties	No data available.
Explosive limits	No data available.

9.2 Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.4 Conditions to avoid

None.

10.5 Incompatible materials

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	Not determined by ingestion. Non toxic by dermal contact or inhalation. May cause vomiting if very large quantities are ingested. Do not induce vomiting.
Irritation/corrosivity	Irritation to skin and eyes. If irritant effects are seen, these may be significant to moderate, depending on exposure. If in contact with eyes flushing with water is recommended.
Sensitisation	May provoke a sensitisation reaction.
Repeated dose toxicity	Repeated exposure to low levels (e.g. diluted in washing water) will not cause adverse effects.
Carcinogenicity/ mutagenicity/ teratogenicity	Based on available data the classification criteria are not met.

Sodium Carbonate (497-19-8)

LD50 oral rat 2800 mg/kg
LD50 dermal rabbit 2001 mg/kg
ATE CLP (oral) 2800 mg/kg bodyweight
ATE CLP (dermal) 2001 mg/kg bodyweight

SECTION 12: Ecological information

On the basis of raw materials and comparable substances contained in the product the following ecological evaluation is obtained.

SECTION 12.1 Toxicity

Ecotoxicity values:	This product is intended for wide dispersive use, is not considered harmful to aquatic organisms and is compatible with the down-the-drain disposal route. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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12.2 Persistence and degradability

This product has not been found to cause long-term adverse effects in the environment. The surfactants used in this product are biodegradable in line with the requirements of EU Detergent Regulation (EC) No 648/2004. 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.

12.3 Bioaccumulative potential

The surfactant ingredients of this product are not expected to bioaccumulate.

12.4 Mobility in soil

Not determined.

SECTION 13: Disposal considerations

SECTION 13.1 Waste treatment methods

Disposal operations	Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC/648/2004 on detergents.
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SECTION 14: Transport Information (In accordance with ADR / RID / IMDG / IATA / ADN)

14.1 UN Number

This product does not require a classification for transport.

14.2 UN proper shipping name

Proper Shipping Name (ADR)	Not applicable.
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Proper Shipping Name (IMDG)	Not applicable.
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Proper Shipping Name (IATA)	Not applicable.
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14.3 Transport hazard class(es)

ADR Transport hazard class(es) (ADR)	Not applicable.
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IMDG Transport hazard class(es) (IMDG)	Not applicable.
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Transport hazard class(es) (IATA)	Not applicable.
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14.4 Packing Group

Packing group (ADR)	Not applicable.
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Packing group (IMDG)	Not applicable.
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Packing group (IATA)	Not applicable.
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14.5 Environmental hazards	
Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available.

14.6 Special precautions for user	
Overland Transport	No data available.
Transport by sea	No data available.
Air transport	No data available.

14.6 Special precautions for user	
Not applicable	

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
Not applicable	

SECTION 15: Regulatory information

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

15.1.1 EU-Regulations

No REACH Annex XVII restrictions. Contains no substance on the REACH candidate list 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.

15.1.2. National regulations

No additional information available.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other Information

Full text of H- and EUH-statements:

R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
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.
R50	Very toxic to aquatic organisms.
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity- single exposure, Category 3, Respiratory tract irritation.
H272	May intensify fire; oxidiser
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

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.