

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** SIMPLY BIOLOGICAL LAUNDRY PODS MPC SB200**1.2. Relevant identified uses of the substance or mixture and uses****Use of substance / mixture:** Laundering agent**1.3. Details of the supplier of the safety data sheet****Company name:** Enpac Ltd.,
7 California Drive,
Wakefield Europort,
CASTLEFORD WF10 5QH**Email:** info@enpacLtd.co.uk**1.4. Emergency telephone number****Emergency Tel:** 01977 264880 (office hours only)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Eye Dam. 1: H318; Skin Irrit. 2 – H315**Most important adverse effects:** Causes serious eye damage.**2.2. Label elements****Label elements under CLP:****Hazard statements:** H319: Causes serious eye irritation.

H315: Causes skin irritation.

Signal words: Warning**Hazard pictograms:** GHS07: Exclamation mark**Precautionary statements:**
P102: Keep out of reach of children.
P101: If medical advice is needed, have product container or label at hand.
P261: Avoid breathing dust
P280: Wear protective gloves / eye protection
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+310: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P332+313: If skin irritation occurs: Get medical advice/attention.
P337+313: If eye irritation persists: Get medical advice/attention.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

Section 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients:**

SODIUM CARBONATE - REACH registered number(s): 01-2119485498-19-0000

EINECS	CAS	SCL	CLP Classification	Percent
207-838-8	497-19-8	-	Eye Irrit. 2: H319	20-50%

SODIUM PERCARBONATE - REACH registered number(s): 01-2119457268-30-0000

239-707-6	15630-89-4	Eye Irrit.2: 10 <= C < 25% Eye Dam.1: C > 25%	Ox. Sol. 2: H272; Acute Tox. 4: H302; Eye Dam. 1: H318	10-30%
-----------	------------	--	---	--------

SODIUM METASILICATE - REACH registered number(s): 01-2119449811-37-0000

201-069-1	77-92-9	-	Acute Tox. 4:H302; Skin Corr. 1b:: H314 STOT SE 3:H335	1-10%
-----------	---------	---	---	-------

NON IONIC SURFACTANTS

-	TRADE SECRET	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
---	--------------	---	---	-------

PROTEASE ENZYMES - REACH registered number(s):

-	-	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Resp. Sens. 1- H334 STOT SE 3 – H335 Classification (67/548/EEC or 1999/45/EC) R42 Xi;R36/37/38	<2%
---	---	---	---	-----

The full text for all Hazard and Precautionary Statements are displayed in Section 16.

Section 4: First aid measures**4.1. Description of first aid measures**

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Wash out mouth with water and give 1 pint of water to drink.
Get medical attention.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be severe pain. The eyes may water profusely. The vision may become blurred.

Ingestion: Nausea and stomach pain may occur. There may be soreness and redness of the mouth and throat.

Inhalation: Inhalation of dust may cause irritation of the nose, mouth, throat and lungs.

**SAFETY DATA SHEET
SIMPLY BIOLOGICAL LAUNDRY PODS MPC SB200**

Delayed / immediate effects: Immediate effects can be expected after long-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: As in any fire, wear self contained breathing apparatus (SCBA) and suitable protective clothing. Prevent the extinguishing water into surface water or groundwater

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details

6.2. Environmental precautions

Environmental precautions: Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Vacuum or sweep up the bulk of the spill and place in a designated, labelled container. Dispose of in accordance with local regulations. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, dry, well ventilated area. Avoid contact with water or humidity. Keep away from food, drink and animal feeding stuffs. Maximum storage temperature: 40°C / 104°F

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: SODIUM CARBONATE: Short term exposure limit (10 minutes). Workplace Exposure Limit (WEL) – 10 mg/m³.

8.2. Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	If working in a confined space and dusts are created, then a respiratory device with a particle filter is recommended.
Hand protection:	Wear protective impermeable gloves if in contact with the powder.
Eye protection:	The following protection should be worn if dusts are created: Chemical safety glasses. Ensure eye bath is to hand.
Skin protection:	If in contact with the powder, wear protective impermeable gloves.
Environmental:	No special requirement.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State:	ENCAPSULATED POWDER PODS.	
Colour:	White with green speckles.	
Odour:	Slight fragrance.	
Evaporation rate:	Not applicable.	
Oxidising:	Non-oxidising (by EC criteria)	
Solubility in water:	Soluble	
Viscosity:	Not applicable.	
Boiling point/range°C:	Not applicable.	Melting point/range°C: No data available.
Flammability limits %: lower:	Not applicable.	upper: Not applicable.
Flash point°C:	Not applicable.	Part.coeff. n-octanol/water: No data available.
Autoflammability°C:	No data available.	Vapour pressure: No data available.
Relative density:	800-900 g/l	pH: ca. 9 (1%)

9.2. Other information

Other information: No data available

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions. Reaction with strong acids may generate heat.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

SAFETY DATA SHEET

SIMPLY BIOLOGICAL LAUNDRY PODS MPC SB200

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Humidity. Heat.

10.5. Incompatible materials

Materials to avoid: Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SODIUM CARBONATE

ORL	MUS	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

SODIUM SILICATE

DUST/MIST	RAT	LC50	>2.06	g/m ³
ORL	RAT	LD50	1300-2200	mg/kg

SODIUM PERCARBONATE

DERMAL	RBT	LD50	>2000	mg/kg
ORL	RAT	LD50	1034	mg/kg

SODIUM METASILICATE

ORL	MUS	LC50	770	g/m ³
ORL	RAT	LD50	1153	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be severe pain. The eyes may water profusely. The vision may become blurred.

Ingestion: Nausea and stomach pain may occur. There may be soreness and redness of the mouth and throat.

Inhalation: Not applicable.

Delayed / immediate effects: Immediate effects can be expected after long-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

SODIUM CARBONATE

Freshwater Invertebrates	48H EC50	200-227	mg/l
Lepomis macrochirus	96H LC50	300	mg/l

SODIUM SILICATE

Brachydanio rerio	96H LC50	1108	mg/l
Daphnia magna	48H EC50	1700	mg/l

SODIUM PERCARBONATE

Daphnia pulex	48H EC50	4,9	mg/l
Pimephales promelas	96H LC50	70,7	mg/l

SODIUM METASILICATE

Danio rerio	96H LC50	8226	mg/l
Daphnia magna	48H OECD202	>1000	mg/l

PROTEASE ENZYMES

Daphnia magna	48H EC50	3.24	mg/l
---------------	----------	------	------

12.2. Persistence and degradability

Persistence and degradability: The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: no data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: The product has not been tested. Data apply to the components with the highest toxicological risk.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: May be reused following decontamination.

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. 1907/2006.

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

Data references: Safety data sheets from our raw material suppliers

Department issuing MSDS: Product Development Department

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:

Calculation method

Phrases used in s.2 and 3:

H272: May intensify fire; oxidiser.

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

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.

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.