

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** SIMPLY PURE PODS**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%
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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%
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NON IONIC SURFACTANTS - REACH registered number(s): 02-2119630747-33-0000

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

**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/m<sup>3</sup>.

**8.2. Exposure controls**

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

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

<b>State:</b>	Encapsulated Powder (Pods).	
<b>Colour:</b>	White.	
<b>Odour:</b>	Fragrance free.	
<b>Evaporation rate:</b>	Not applicable.	
<b>Oxidising:</b>	Non-oxidising (by EC criteria)	
<b>Solubility in water:</b>	Soluble	
<b>Viscosity:</b>	Not applicable.	
<b>Boiling point/range°C:</b>	Not applicable.	<b>Melting point/range°C:</b> No data available.
<b>Flammability limits %: lower:</b>	Not applicable.	<b>upper:</b> Not applicable.
<b>Flash point°C:</b>	Not applicable.	<b>Part.coeff. n-octanol/water:</b> No data available.
<b>Autoflammability°C:</b>	No data available.	<b>Vapour pressure:</b> No data available.
<b>Relative density:</b>	800-900 g/l	<b>pH:</b> 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.

**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 <sup>3</sup>
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 <sup>3</sup>
ORL	RAT	LD50	1153	mg/kg

**Symptoms / routes of exposure**

**Toxicity values:** No data available.

**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

**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.