

SAFETY DATA SHEET  
SOLUPAK BIOLOGICAL WASHROOM CLEANER -PINE 10G SACHET

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Compilation date: 23/02/2021  
Revision No: 1

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

1.1. Product identifier

Product name: SOLUPAK BIOLOGICAL WASHROOM CLEANER -PINE 10G SACHET

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3. Details of the supplier of the safety data sheet

Company name:

Solupak Limited  
Unit 6 Ripley Close  
Normanton Ind. Estate  
Normanton  
WF6 1TB  
UK

Tel: +44 (0)1924 565 120

Email: sales@solupak.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1924 565 120

Section 2: Hazards identification

(office hours only)

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Irrit. 2: H315; -: EUH208

Most important adverse effects: Contains (r)-p-mentha-1,8-diene; d-limonene, terpinolene, alpha pinenes, [1s-(1a,3aβ,4a,8aβ)]-decahydro-4,8,8-trimethyl-9-methylene-1,4-methanoazulene, lipase, subtilisin. May produce an allergic reaction. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains (r)-p-mentha-1,8-diene; d-limonene, terpinolene, alpha pinenes, [1s-(1a,3aβ,4a,8aβ)]-decahydro-4,8,8-trimethyl-9-methylene-1,4-methanoazulene, lipase, subtilisin. May produce an allergic reaction.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.

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Hazard pictograms: H412: Harmful to aquatic life with long lasting effects.  
 GHS07: Exclamation mark

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Signal words: Warning  
 Precautionary statements: P264: Wash hands, forearms and face thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352: IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321: Specific treatment (see supplemental first aid instruction on this label) P362+P364: Take

**Section 3: Composition/information on ingredients**

off contaminated clothing and wash it before reuse.

**2.3. Other hazards**

PBT: This product is not identified as a PBT/vPvB substance.

**3.2. Mixtures**

Hazardous ingredients:

SILICIC ACID, SODIUM SALT - REACH registered number(s): 01-2119448725-31-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-687-4	1344-09-8	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	10-30%

SULPHONIC ACIDS,C14-C17-SEC-ALKANE, SODIUM SALTS - REACH registered number(s): 01-2119489924-20-XXXX

307-055-2	97489-15-1	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-10%
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(R)-P-MENTHA-1,8-DIENE; D-LIMONENE - REACH registered number(s): 01-2119529223-47-XXXX

227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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TERPINOLENE - REACH registered number(s): 01-2119982325-32-XXXX

209-578-0	586-62-9	-	Skin Sens. 1B: H317; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	<1%
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ALPHA PINENES - REACH registered number(s): 01-2119519223-49-xxxx

201-291-9	80-56-8	-	Flam. Liq. 3: H226; Aquatic Chronic 1: H410; Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1B: H317; Asp. Tox. 1: H304	<1%
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SUBTILISIN

232-752-2	9014-01-1	-	STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Resp. Sens. 1: H334	<1%
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[1S-(1A,3Aß,4A,8Aß)]-DECAHYDRO-4,8,8-TRIMETHYL-9-METHYLENE-1,4-METHANOAZULENE - REACH registered number(s): 01-2120735663-52-XXXX

**Section 4: First aid measures**

**Section 5: Fire-fighting measures**

207-491-2	475-20-7	-	Aquatic Chronic 1: H410; Skin Sens. 1B: H317; Asp. Tox. 1: H304	<1%
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LIPASE

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232-619-9	9001-62-1	-	Resp. Sens. 1A: H334	<1%
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**4.1. Description of first aid measures**

**Skin contact:**

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**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 irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-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.

**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:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

**6.2. Environmental precautions**

[cont...]

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Environmental precautions: Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Section 6: Accidental release measures**

Reference to other sections: Refer to section 8 of SDS.

**7.1. Precautions for safe handling**

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.  
Suitable packaging: Must only be kept in original packaging.

**7.3. Specific end use(s)**

Specific end use(s): No data available.

**Section 7: Handling and storage**

**Section 9: Physical and chemical properties**

**8.1. Control parameters**

Workplace exposure limits: No data available.

**DNEL/PNEC Values**

**Section 8: Exposure controls/personal protection**

Hazardous ingredients:

SULPHONIC ACIDS,C14-C17-SEC-ALKANE, SODIUM SALTS

Type	Exposure	Value	Population	Effect
DNEL	Dermal	2.8 mg/cm2	Workers	Local

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DNEL	Dermal	5 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	35 mg/m3	Workers	Systemic
DNEL	Dermal	2.8 mg/cm2	General Population	Local
DNEL	Dermal	3.57 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation	12.4 mg/m3	General Population	Systemic
DNEL	Oral	7.1 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.04 mg/l	-	-
PNEC	Marine water	0.004 mg/l	-	-
PNEC	Intermittent release	0.06 mg/l	-	-
PNEC	Fresh water sediments	9.4 mg/kg	-	-
PNEC	Marine sediments	0.94 mg/kg	-	-
PNEC	Soil	9.4 mg/kg	-	-
PNEC	Sewage	600 mg/l	-	-

**8.2. Exposure controls**

Engineering measures: Ensure there is sufficient ventilation of the area.  
 Respiratory protection: Respiratory protection not required.  
 Hand protection: Under normal conditions of use gloves are not normally required.  
 Eye protection: Under normal conditions of use eye protection is not required.  
 Skin protection: If handled in the correct way no special equipment required  
 Environmental: Prevent from entering in public sewers or the immediate environment.

**9.1. Information on basic physical and chemical properties**

State: Powder

Colour: Red

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

Viscosity: Not applicable.

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

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**Section 10: Stability and reactivity**

Relative density: No data available.

pH: 2.4 (5% soln)

VOC g/l: No data available.

**9.2. Other information**

Other information: No data available.

**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

**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.

**Section 11: Toxicological information**

**10.4. Conditions to avoid**

Conditions to avoid: Heat.

**10.5. Incompatible materials**

Materials to avoid: Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

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

**11.1. Information on toxicological effects**

Hazardous ingredients:

SULPHONIC ACIDS,C14-C17-SEC-ALKANE, SODIUM SALTS

DERMAL	MUS	LD50	>2000	mg/kg
ORAL	RAT	LD50	>500 - 2000	mg/kg

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**Section 12: Ecological information**

**SUBTILISIN**

ORL	RAT	LD50	3700	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

- Skin contact: There may be irritation and redness at the site of contact.
- Eye contact: There may be irritation and redness. The eyes may water profusely.
- Ingestion: There may be soreness and redness of the mouth and throat.
- Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

**12.1. Toxicity**

Hazardous ingredients:

**Section 13: Disposal considerations**

**SULPHONIC ACIDS,C14-C17-SEC-ALKANE, SODIUM SALTS**

Daphnia magna	48H EC50	9.81	mg/l
Desmodesmus subspicatus	72H EC50	>61	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	1 - 10	mg/l

**12.2. Persistence and degradability**

Persistence and degradability: Biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13.1. Waste treatment methods

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

Disposal of packaging: Dispose of as normal industrial waste.

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

[cont...]

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**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**

Specific regulations: Not applicable.

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

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

Phrases used in s.2 and s.3: EUH208: Contains (r)-p-mentha-1,8-diene; d-limonene, terpinolene, alpha pinenes, [1s-(1a,3a $\beta$ ,4a,8a $\beta$ )]-decahydro-4,8,8-trimethyl-9-methylene-1,4-methanoazulene, lipase, subtilisin.

May produce an allergic reaction.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

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.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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.

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