

# SAFETY DATA SHEET

Version: 2.1 Date: 30/11/18


ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

Best One Toilet Blocks

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product identifier</b>	
Product Name	Best One Toilet Block [mix ref VAL120 & VAL163]
CAS No.	None assigned - Mixture
EINECS No.	None assigned - Mixture
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified Use(s)	Higher spec detergent block for foaming and freshening toilets.
Uses Advised Against	Anything other than the above.
<b>1.3 Details of the supplier of the safety data sheet</b>	
Company Identification	Sachets Ltd Unit 1 Mount Pleasant Street Oldham Lancs OL4 1HH
Telephone	+44 (0)845 207 4422
Fax	+44 (0)161 751 7006
E-Mail (competent person)	<a href="mailto:admin@sachetsltd.co.uk">admin@sachetsltd.co.uk</a>
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	+44 (0)845 207 4422 Monday - Friday 09:00 – 17:00 (GMT)
Languages spoken	English

## SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Regulation (EC) No. 1272/2008 (CLP)</b>	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412
<b>2.2 Label elements</b>	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Best One Toilet Block
Contains:	Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts
Hazard Pictogram(s)	
Signal Word(s)	Danger
Hazard Statement(s)	H315: Causes skin irritation. H318: Causes serious eye damage. H412: Harmful to aquatic life with long lasting effects.
Precautionary Statement(s)	P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: 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/doctor. P302+P352: IF ON SKIN: Wash with plenty of water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

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Detergents Labelling

Anionic surfactants present at less than 30%  
Soap present at less than 5%  
Also contains: (R)-p-mentha-1,8-diene (also known as D-Limonene)

Supplemental information

EUH208: Contains: p-mentha-1,4(8)-diene, 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene, (R)-p-mentha-1,8-diene and (1S-endo)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-ol. May produce an allergic reaction.

2.3 Other hazards

None known

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures - Substances in preparations / mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts	< 25	68411-30-3	270-115-0	Not yet assigned in the supply chain	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Irrit. 2; H315 Aquatic Chronic 3; 412
Sodium carbonate	< 2	497-19-8	207-838-8	Not yet assigned in the supply chain	Eye Irrit. 2; H319
(R)- $\alpha,\alpha,4$ -trimethylcyclohex-3-ene-1-methanol	< 1.5	7785-53-7	232-081-5	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Eye Irrit. 2; H319
p-menth-1-en-8-ol	< 1.5	10482-56-1	233-986-8	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Eye Irrit. 2; H319
p-mentha-1,4(8)-diene	< 0.5	586-62-9	209-578-0	Not yet assigned in the supply chain	Asp. Tox. 1; H304 Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
(1S-endo)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-ol	< 0.15	512-13-0	208-135-9	Not yet assigned in the supply chain	Skin Sens. 1; H317 Aquatic Chronic 3; H412
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene	<0.12	13466-78-9	236-719-3	Not yet assigned in the supply chain	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
(R)-p-mentha-1,8-diene	<0.12	5989-27-5	227-813-5	Not yet assigned in the supply chain	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

For full text of H phrases see section 16.

## SECTION 4: FIRST AID MEASURES



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## 4.1 Description of first aid measures

Self-protection of the first aider

Wear suitable protective clothing and eye/face protection. Avoid contact with skin and eyes. Ensure adequate ventilation. Contaminated clothing should be laundered before reuse.

Inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

IF ON SKIN: After contact with skin, wash immediately with plenty of water. Remove contaminated clothing and wash clothing before reuse. If irritation develops and persists, get medical attention.

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 POISON CENTER or doctor/physician.

Ingestion

Rinse mouth. Obtain medical attention if symptoms appear or if large quantities have been ingested. Do not induce vomiting.

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

Causes serious eye damage. Causes skin irritation.

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

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable extinguishing Media

Direct water jet may spread the fire.

### 5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides.

### 5.3 Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure suitable personal protection during removal of spillages. Avoid contact with skin and eyes.

### 6.2 Environmental precautions

Do not allow contact with soil, surface or ground water. Conditions and measures related to municipal sewage treatment plant.

### 6.3 Methods and material for containment and cleaning up

Absorb spillage in inert material and shovel up. Collect mechanically and dispose of according to Section 13.-use, otherwise for disposal.

### 6.4 Reference to other sections

See Section: 8,13

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Use good personal hygiene practices. Wear protective gloves/eye protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Contaminated clothing should be laundered before reuse.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, well ventilated place. Keep container tightly closed and dry. Keep out of reach of children.

Storage temperature

Do not allow material to freeze.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

### 7.3 Specific end use(s)

See Section: 1.2

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS	LTEL (8 hr)	LTEL (8 hr)	STEL (ppm)	STEL	Note
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	No.	TWA ppm)	TWA mg/m <sup>3</sup> )		(mg/m <sup>3</sup> )	
Propane-1,2-diol, total vapour & particulates	57-55-6	150	474	-	-	WEL
Propane-1,2-diol, particulates	57-55-6	-	10	-	-	WEL

Source: Workplace Exposure Limit (UK HSE EH40)

- 8.1.2 Biological limit value** Not established.
- 8.1.3 PNECs and DNELs** Not established.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
- 8.2.2 Individual protection measures, such as personal protective equipment (PPE)** Good hygiene practices and housekeeping measures. Avoid contact with skin and eyes.
- Eye/face protection  
 Wear goggles giving complete protection to eyes to protect against liquid splashes (EN166).
- Skin protection  
 Avoid prolonged skin contact. Use skin barrier cream before handling the product. Recommended: Wear impervious gloves (EN374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Recommended: Butyl rubber, Nitrile rubber
- Respiratory protection  
 Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.
- Thermal hazards No specific measures identified.
- 8.2.3 Environmental Exposure Controls** Do not allow contact with soil, surface or ground water. Conditions and measures related to municipal sewage treatment plant.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Blue Waxy Block
Odour	Pine
Odour Threshold	Not available
pH	6-8 (1% solution at 20C)
Melting Point/Freezing Point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility(ies)	100% Soluble in Water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition Temperature	Not available

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Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2 Other information

### SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	None known.
<b>10.4 Conditions to avoid</b>	Elevated temperature, Do not freeze.
<b>10.5 Incompatible materials</b>	None known.
<b>10.6 Hazardous decomposition product(s)</b>	Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides.

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects (Substances in preparations / mixtures)</b>	
<b>Acute toxicity - Ingestion</b>	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 (oral) mg/kg: > 2000
<b>Acute toxicity - Inhalation</b>	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 (inhalation) mg/l/4h: > 5.0
<b>Acute toxicity - Skin Contact</b>	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 (dermal) mg/kg: > 2000
<b>Skin corrosion/irritation</b>	Skin corrosion/irritation - Category 2; H315
Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts	Skin Irrit. 2; H315
(R)- $\alpha,\alpha,4$ -trimethylcyclohex-3-ene-1-methanol	Irritating to skin - Positive (rabbit) (OECD 404) Skin Irrit. 2; H315
p-menth-1-en-8-ol	Irritating to skin - Positive. Weight of evidence approach Skin Irrit. 2; H315
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene	Irritating to skin - Positive. Weight of evidence approach Skin Irrit. 2; H315
(R)-p-mentha-1,8-diene	Irritating to skin - Positive (In vitro) (Unnamed, 2010) Skin Irrit. 2; H315
<b>Serious eye damage/irritation</b>	Irritating to skin - Positive (Harmonised Classification)
Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts	Serious eye damage/irritation - Category 1; H318
Sodium carbonate	Eye Dam. 1; H318
(R)- $\alpha,\alpha,4$ -trimethylcyclohex-3-ene-1-methanol	Causes severe damage to eyes. - Positive (rabbit) (OECD 405) Eye Dam. 2; H319
p-menth-1-en-8-ol	Irritating to eyes. - Positive (rabbit) (Rinehart, WE, 1978) Eye Dam. 2; H319
<b>Skin sensitization</b>	Irritating to eyes. - Positive. Weight of evidence approach Eye Dam. 2; H319
p-mentha-1,4(8)-diene	Irritating to eyes. - Positive. Weight of evidence approach May produce an allergic skin reaction in persons already sensitised.
(1S-endo)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-ol	Contains: p-mentha-1,4(8)-diene, (1S-endo)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-ol, 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene and (R)-p-mentha-1,8-diene. Skin Sens. 1; H317
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene	Sensitisation (mouse) - Positive (OECD 429) Skin Sens. 1; H317
(R)-p-mentha-1,8-diene	Sensitisation - Positive. Weight of evidence approach Skin Sens. 1; H317
<b>Respiratory sensitization</b>	Sensitisation (guinea pig) - Positive (Unnamed, 2003) Skin Sens. 1; H317
<b>Germ cell mutagenicity</b>	Sensitisation (mouse) - Positive (OECD 429)
<b>Carcinogenicity</b>	Based upon the available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based upon the available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based upon the available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based upon the available data, the classification criteria are not met.

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11.2 **Aspiration hazard** Based upon the available data, the classification criteria are not met.  
**Other information** None.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity** Harmful to aquatic life with long lasting effects. - Category 3; H412  
Estimated LC50 (Fish) > 10 ≤ 100 mg/l (96 hour)  
Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts Aquatic Chronic 3; H412  
p-mentha-1,4(8)-diene Chronic Toxicity: NOEC (Fish) mg/l (196d) - 0.63 (Unnamed 1970)  
Aquatic Acute 1; H400  
Acute toxicity: LC50 (Fish) mg/l (96hr) – 0.805 (OECD 203)  
Aquatic Chronic 1; H410  
(1S-endo)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-ol Chronic Toxicity: EC50 (Algae) mg/l (72 hr) - 0.692 (OECD 201)  
Aquatic Chronic 3; H412  
Weight of evidence approach  
3,7,7-trimethylbicyclo[4.1.0]hept-3-ene Aquatic Acute 1; H400  
Acute toxicity: LC50 (Fish) mg/l (96hr) – 0.44 (OECD 203)  
Aquatic Chronic 1; H410  
Chronic Toxicity: EC50 (Algae) mg/l (72 hr) - 0.45 (OECD 201)  
(R)-p-mentha-1,8-diene Aquatic Acute 1; H400  
Acute toxicity: LC50 (Fathead minnow) mg/l (96hr) – 0.720 (OECD 203)  
Aquatic Chronic 1; H410  
Chronic Toxicity: LC50 (fish) mg/l – 0.41 (OECD 212)

**12.2 Persistence and degradability** Not persistent. The mixture is expected to biodegrade rapidly and complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

**12.3 Bioaccumulative potential** The product has low potential for bioaccumulation.

**12.4 Mobility in soil** The product is predicted to have high mobility in soil. Soluble in water.

**12.5 Results of PBT and VPVB assessment** Not classified as PBT or vPvB.

**12.6 Other adverse effects** None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods** Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA/ICAO</b>
<b>14.1 UN number</b>	None assigned.	None assigned.	None assigned.
<b>14.2 Proper Shipping Name</b>	None assigned.	None assigned.	None assigned.
<b>14.3 Transport hazard class(es)</b>	Not classified.	Not classified.	Not classified.
<b>14.4 Packing group</b>	Not classified.	Not classified.	Not classified.
<b>14.5 Environmental hazards</b>	Not classified	Not classified as a Marine Pollutant.	Not classified
<b>14.6 Special precautions for user</b>	See Section: 2		
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	No information available.	No information available.	No information available.

## SECTION 15: REGULATORY INFORMATION

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

**15.1.1 EU regulations** Product complies with the Detergent Regulation 648/2004/EC as amended.  
Authorisations and/or Restrictions On Use Not applicable

**15.1.2 National regulations** Not applicable

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15.2 Chemical Safety Assessment

Not applicable

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: New format has been issued, all sections have been updated to include new information. Review SDS with care.

### References:

Existing Safety Data Sheet (SDS)

Existing ECHA registration(s) for Benzenesulphonic acid, C10-C13 alkyl derivs., sodium salts (CAS No. 68411-30-3), Sodium carbonate (CAS No. 497-19-8), p-mentha-1,4(8)-diene (CAS No. 586-62-9), 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene (CAS No. 13466-78-9) and (R)-p-mentha-1,8-diene (CAS No. 5989-27-5)

EU classification and labelling inventory for: (R)- $\alpha,\alpha,4$ -trimethylcyclohex-3-ene-1-methanol (CAS No. 7785-53-7), p-menth-1-en-8-ol (CAS No. 10482-56-1), (1S-endo)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-ol (CAS No. 512-13-0)

Safety Data Sheets for ingoing ingredients.

### Literature References:

1. Rinehart, WE, 1978, Rabbit Eye Irritation Study, Toxicological Resources Unit, Bio/dynamics Inc. Taken from OECD SIDS UNEP for Sodium Carbonate

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Skin corrosion/irritation - Category 2; H315	Threshold Calculation
Serious eye damage/irritation - Category 1; H318	Threshold Calculation
Harmful to aquatic life with long lasting effects. - Category 3; H412	Summation Calculation
EUH208: Contains: p-mentha-1,4(8)-diene, 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene, (R)-p-mentha-1,8-diene and (1S-endo)-1,3,3-trimethylbicyclo[2.2.1]heptan-2-ol. May produce an allergic reaction.	Threshold Calculation

### LEGEND

LTEL Long Term Exposure Limit  
STEL Short Term Exposure Limit  
DNEL Derived No Effect Level  
PNEC Predicted No Effect Concentration

PBT PBT: Persistent, Bioaccumulative and Toxic  
vPvB vPvT: very Persistent and very Toxic  
NOEC no observed effect concentration  
OECD Organisation for Economic Cooperation and Development

### Hazard classification / Classification code:

Flam. Liq. 3; Flammable Liquid, Category 3  
Acute Tox. 4; Acute toxicity, Category 4  
Asp. Tox. 1; Aspiration hazard, Category 1  
Skin Irrit. 2; Skin corrosion/irritation, Category 2  
Skin Sens. 1; Skin Sensitisation, Category 1  
Eye Dam. 1; Eye damage, category 1  
Eye Irrit. 2; Eye Irritation, Category 2  
Aquatic Acute 1; Hazardous to the aquatic environment, Acute, Category 1  
Aquatic Chronic 1; Hazardous to the aquatic environment, Chronic, Category 1  
Aquatic Chronic 3; Hazardous to the aquatic environment, Chronic, Category 3

### Hazard Statement(s)

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.  
H400: Very toxic to aquatic life.  
  
H410: Very toxic to aquatic life with long lasting effects.  
H412: Harmful to aquatic life with long lasting effects.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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**Annex to the extended Safety Data Sheet (eSDS)**

Not applicable