

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Elsan Blue sachets

Revision 6

Revision date 2015-07-21

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

#### 1.1. Product identifier

Product name	Elsan Blue sachets
Other means of identification	+BAG15P
Product code	TP-14

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

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC8] Biocidal products (e.g. Disinfectants, pest control);
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#### 1.3. Details of the supplier of the safety data sheet

Company	Elsan Limited
Address	Bellbrook Park, Uckfield, East Sussex TN22 1QF, England
Web	www.elsan.co.uk
Telephone	+44 (0) 1825 748200
Fax	+44 (0) 1825 761212
Email	sales@elsan.co.uk
Email address of the competent person	sales@elsan.co.uk

#### 1.4. Emergency telephone number


Emergency telephone number	+44 (0) 1825 748200 9.00 am - 5.00 pm Mon - Fri
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	C; R34 Xn; R22 N; R50 Symbols: C: Corrosive. N: Dangerous for the environment.
Main hazards	Harmful if swallowed. Causes burns. Very toxic to aquatic organisms.
2.1.2. Classification - EC 1272/2008	EUH208; Acute Tox. 4: H302+H312; Skin Corr. 1B: H314; Aquatic Acute 1: H400;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	EUH208 - Contains butylphenyl methylpropional, Linalool. May produce an allergic reaction. Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin.

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## 2.2. Label elements

Precautionary Statement: Prevention	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life.
	P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P262 - Do not get in eyes, on skin, or on clothing. P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ physician /if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/ soap and 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.
Precautionary Statement: Response	
Precautionary Statement: Disposal	P501 - Dispose of contents/container to accordance with local requirements on waste disposal

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quaternary ammonium compound					20 - 50%	C; R34 Xn; R21/22 N; R50	
Linalool		78-70-6	201-134-4		0.1 - 1%	Xi; R38	
Butylphenyl methylpropional		80-54-6	201-289-8		0.1 - 1%	Xn; R22-62 Xi; R38-43 N; R51/53	
Hexyl Cinnamal		101-86-0	202-983-3		0 - 0.1%	Xi; R38-43	
Benzyl Salicylate		118-58-1	204-262-9		0 - 0.1%	Xi; R43 N; R51/53	
Limonene	601-029-00-7	138-86-3	205-341-0		0 - 0.1%	R10 Xi; R38 R43 N; R50/53	
Geraniol		106-24-1	203-377-1		0 - 0.1%	Xi; R38-41-43	
Citronellol		106-22-9	203-375-0		0 - 0.1%	Xi; R38-43 N; R51/53	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quaternary ammonium compound					20 - 50%	Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Corr. 1B: H314; Aquatic Acute 1: H400;	
Linalool		78-70-6	201-134-4		0.1 - 1%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;	
Butylphenyl methylpropional		80-54-6	201-289-8		0.1 - 1%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	
Hexyl Cinnamal		101-86-0	202-983-3		0 - 0.1%	Skin Irrit. 2: H315; Skin Sens. 1: H317;	
Benzyl Salicylate		118-58-1	204-262-9		0 - 0.1%	Skin Sens. 1: H317; Aquatic Chronic 2: H411;	
Limonene	601-029-00-7	138-86-3	205-341-0		0 - 0.1%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
Geraniol		106-24-1	203-377-1		0 - 0.1%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;	
Citronellol		106-22-9	203-375-0		0 - 0.1%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek
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## 4.1. Description of first aid measures

Eye contact	medical attention. Causes burns. Causes severe inflammation and may damage the cornea. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

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

Inhalation	Coughing, difficulty in breathing and in severe cases, loss of consciousness.
Eye contact	Corrosive and Irritant Effects.
Skin contact	Corrosive and Irritant Effects.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	Seek medical attention.
Eye contact	Seek medical attention.
Skin contact	Seek medical attention.
Ingestion	Seek medical attention.

## General information

	Consult a physician. Show this safety data sheet to the doctor in attendance.
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## Further information

	No additional information available.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Foam. Use extinguishing media appropriate to the surrounding fire conditions. Water spray.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## Further information

	No additional information available.
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## SECTION 6: Accidental release measures

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

	Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe. Avoid release to the environment. Refer to special instructions/Safety data sheets.
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## 6.3. Methods and material for containment and cleaning up

	Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## 6.4. Reference to other sections

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## 6.4. Reference to other sections

	For disposal see section 13.
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## Further information

	No additional information available.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Keep away from food, drink and animal feedingstuffs.
Suitable packaging	Keep only in the original container in a cool, well-ventilated place.

## 7.3. Specific end use(s)

	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
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## Further information


	No additional information available.
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## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

	See section 8.2 for further information.
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## 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves.
Respiratory protection	Wear:.. Suitable respiratory equipment.
Thermal hazards	No data available.
8.2.3. Environmental exposure controls	No data available.
Occupational exposure controls	No data available.

## Further information

	No additional information available.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Blue
Odour	Characteristic
Odour threshold	No data available
pH	7 - 8
Melting point	No data available
Freezing Point	Not applicable.
Initial boiling point	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Soluble in water

## 9.2. Other information

Conductivity	No data available
Surface tension	Not applicable.
Bulk Density	0.8 - 1 g/cm <sup>3</sup>
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No data is available on this product.
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## 10.2. Chemical stability

	Stable under recommended storage conditions.
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## 10.3. Possibility of hazardous reactions

	No data is available on this product.
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## 10.4. Conditions to avoid

	No data is available on this product.
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## 10.5. Incompatible materials

	No data is available on this product.
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## 10.6. Hazardous decomposition products

	No data is available on this product.
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## Further information

	No additional information available.
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## SECTION 11: Toxicological information

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## 11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
	Causes severe burns.

## 11.1.2. Mixtures

	No data available.
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## 11.1.3. Hazard Information

	No data available.
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## 11.1.4. Toxicological Information

Quaternary ammonium compound	Dermal Rat LD50: 3340	Oral Rat LD50: 344
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## 11.1.5. Hazard Class

	No data available.
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## 11.1.6. Classification Criteria

	No data available.
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## 11.1.7. Information on likely routes of exposure

	No data available.
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## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

	No data available.
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## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

	No data available.
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## 11.1.10. Interactive effects

	No data available.
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## 11.1.11. Absence of specific data

	No data available.
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## 11.1.12. Mixture versus substance information

	No data available.
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## 11.1.13. Other information

	No data available.
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## Further information

	No additional information available.
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## SECTION 12: Ecological information

## 12.1. Toxicity

Quaternary ammonium compound	Daphnia EC50/48h: 0.0160 mg/l
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## 12.2. Persistence and degradability

	No data is available on this product.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## Partition coefficient

	Elsan Blue sachets No data available
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## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data is available on this product.

## Further information

No additional information available.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## Disposal methods

This material and its container must be disposed of in a safe way.

## Disposal of packaging

Containers must be recycled in compliance with national legislation and environmental regulations.

## Further information

No additional information available.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

## Regulations

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006

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

	concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents.
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## 15.2. Chemical safety assessment

	For this product a chemical safety assessment was not carried out.
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## Further information

	No additional information available.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Hazard Statement. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 11 - 11.1.4. Toxicological Information. 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R10 - Flammable R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R34 - Causes burns. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R50 - Very toxic to aquatic organisms. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62 - Possible risk of impaired fertility.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H302 - Harmful if swallowed. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Flam. Liq. 3: H226 - Flammable liquid and vapour. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage.

## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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