

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Elsan Deep Clean Cassette Tank Cleaner

Revision 0

Revision date 2016-09-08

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

1.1. Product identifier

Product name	Elsan Deep Clean Cassette Tank Cleaner
Other means of identification	+DEEP01
Product code	MF-92

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

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC35] Washing and cleaning products (including solvent based products);
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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	Xi; R36/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1B: H314;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

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2.2. Label elements

Precautionary Statement: Prevention	P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read label before use. P262 - Do not get in eyes, on skin, or on clothing. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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/ physician.

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.
Propylene glycol monobutyl ether	603-052-00-8	5131-66-8	225-878-4		0 - 10%	Xi; R36/38	
Trideceth (6-20)		24938-91-8			0 - 5%		
Potassium oleate		61790-44-1	263-136-1		0 - 5%	Xi; R36/38	
Disodium Lauriminodipropionate		3655-00-3	222-899-0		0 - 5%	Xi; R36	
Tetrasodium EDTA. . .	607-428-00-2	64-02-8	200-573-9		0 - 5%	Xn; R22 Xi; R41	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Propylene glycol monobutyl ether	603-052-00-8	5131-66-8	225-878-4		0 - 10%	Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
Trideceth (6-20)		24938-91-8			0 - 5%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
Potassium oleate		61790-44-1	263-136-1		0 - 5%	Skin Irrit. 2: H315; Eye Irrit. 2: H319;	
Disodium Lauriminodipropionate		3655-00-3	222-899-0		0 - 5%	Eye Irrit. 2: H319;	
Tetrasodium EDTA. . .	607-428-00-2	64-02-8	200-573-9		0 - 5%	Acute Tox. 4: H302; Eye Dam. 1: H318;	

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 medical attention.
Eye contact	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

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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 (CO2). 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**

	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.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. 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

	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.
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Suitable packaging

	Keep only in the original container in a cool, well-ventilated place.
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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.

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.

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.

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

Appearance	Liquid
Colour	Light yellow
Odour	Odourless
Odour threshold	No data available
pH	12 - 14
Melting point	Not applicable.
Freezing Point	Not applicable.
Initial boiling point	No data available
Flash point	Not applicable.
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Vapour density	Not applicable.
Relative density	1.005 - 1.015 (H ₂ O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	Not applicable.
Viscosity	No data available
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Soluble in water

9.2. Other information

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9.2. Other information

Conductivity	No data available
Surface tension	No data available
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.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

Further information

No additional information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No data is available on this product.

Acute toxicity

Causes severe burns.

11.1.2. Mixtures

No data available.

11.1.3. Hazard Information

No data available.

11.1.4. Toxicological Information

Disodium Lauriminodipropionate	Oral Rat LD50: >2000	
Propylene glycol monobutyl ether	Oral Rat LD50: 3300	Dermal Rabbit LD50: >2000
	Inhalation Rat LC50/4 h: >3.5	
Tetrasodium EDTA. ...	Dermal Rat LD50: >5000	Oral Rat LD50: 3030
Trideceth (6-20)	Oral Rat LD50: >200	

11.1.5. Hazard Class

No data available.

11.1.6. Classification Criteria

No data available.

11.1.7. Information on likely routes of exposure

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11.1.7. Information on likely routes of exposure

No data available.

11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

No data available.

11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available.

11.1.10. Interactive effects

No data available.

11.1.11. Absence of specific data

No data available.

11.1.12. Mixture versus substance information

No data available.

11.1.13. Other information

No data available.

Further information

No additional information available.

SECTION 12: Ecological information

12.1. Toxicity

Disodium Lauriminodipropionate	Daphnia EC50/48h: 97.0000 mg/l	
Propylene glycol monobutyl ether	Daphnia EC50/48h: 1000.0000 mg/l	Guppy LC50/96h: >560
Trideceth (6-20)	Daphnia EC50/48h: 100.0000 mg/l Fish LC50/96h: 100.0000 mg/l	Algae IC50/72h: 100.0000 mg/l

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

Elsan Deep Clean Cassette Tank Cleaner No data available

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

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General information

	Dispose of in compliance with all local and national regulations.
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Disposal methods

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

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

	No additional information available.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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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.
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Further information

	The product is not classified as dangerous for carriage.
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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 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**

Text of risk phrases in Section 3	R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R41 - Risk of serious damage to eyes.
Text of Hazard Statements in Section 3	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. Skin Sens. 1: H317 - May cause an allergic skin reaction.

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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