

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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TOP & TAIL

Revision 8
Revision date 2016-05-20

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

1.1. Product identifier

Product name	Top & Tail
Product code	

1.3. Details of the supplier of the safety data sheet

Company	Fenwick's Limited
Address	Unit C1 Wem Industrial Estate Soulton Road Wem Shropshire SY4 5SD England
Web	www.fenwicks.info
Telephone	+44 (0) 845 200 8485
Fax	+44 (0) 1939 393325
Email	info@fenwicks.info

1.4. Emergency Telephone Number


Emergency Tel Number	07766 706294
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main Hazards	Irritating to eyes and skin.
Classification EC 1272/2008	Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Sens. 1: H317- May Cause an allergic skin reaction Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 3: H412 – Harmful to aquatic life with long lasting effects.
Precautionary Statement Prevention	P102 – Keep out of reach of children P261 – Avoid breathing dust/fume/gas/mist/vapours/spray P264 – Wash thoroughly after handling P272 – Contaminated work clothing should not be allowed out of the work place. P273 – Avoid release to the environment P280 – Wear protective gloves/protective clothing/eye protection/face protection

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Precautionary Statement Response	<p>P302+P352 –IF ON SKIN: Wash with plenty of water</p> <p>P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</p> <p>P321 – Specific treatment (see on this label)</p> <p>P333+P313 – If skin irritation or rash occurs: Get medical advice/attention</p> <p>P337+P313 – If eye irritation persists: Get medical advice/attention</p> <p>P501 – Dispose of contents/container to local guidelines</p>
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Coco dimethyl benzyl ammonium chloride		61789-71-7	263-080-8		0-0.5%	
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1-10%	F; R11 Xi; R36 R67

EC 1272/2008

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
LAURETH 7		61789-71-7	263-080-8		1-10%	Acute Tox. 4: H302 Aquatic Chronic 3: H412
C9-11 Alcohol Ethoxylate with 8MeO		68439-45-2			1-10%	Acute Tox. 4: H302 Aquatic Chronic 3: H412
Citrus fragrance					1-10%	Asp Tox. 1: H304 Skin Irrit. 2: H315 Skin Sens. 1: H317 Eye Irrit 2: H319 Aquatic Chronic 1: H410

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye Contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin Contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	Considered to be not hazardous by inhalation. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. May cause irritation to mucous membranes. No known adverse health effects.
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Eye Contact	Avoid contact with eyes. May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes.
Skin Contact	Irritant. Prolonged or repeated exposure may cause defatting of skin. Wash with water.
Ingestion	If swallowed, DO NOT INDUCE VOMITING. Seek medical attention immediately and show the product or label. Rinse mouth thoroughly.

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

Inhalation	Remove the affected person from the source of contamination immediately
Eye Contact	Rinse immediately with plenty of water for 15 minutes.
Skin Contact	Wash with water.
Ingestion	If swallowed, DO NOT INDUCE VOMITING. Seek medical attention immediately and show the product or label. Rinse mouth thoroughly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO ₂).
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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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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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SECTION 7: Handling and Storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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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. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

8.1.1 Exposure Limit Values

Isopropanol	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250
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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 protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear: Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Colour	Green
Odour	Strong
pH	8.5 +/- 0.5
Relative Density	1.02
Description	Liquid

SECTION 10: Stability and reactivity

10.1. Reactivity

	Do NOT mix with any other product. Do not allow to freeze
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10.2. Chemical stability

	Stable under normal conditions.
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10.4. Conditions to avoid

	Do NOT allow to freeze. Protect from frost
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10.5. Incompatible materials

	Do NOT mix with any other product.
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10.6. Hazardous decomposition products

	Burning produces obnoxious and irritating fumes. No significant hazard.
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SECTION 11: Toxicological information

11.1 Toxicological Information

Acute toxicity	May cause sensitisation by skin contact.
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11.1.4. Toxicological Information

Isopropanol (Propan-2-ol)	Inhalation Rat LC50/4 h = 47-73mg/l Dermal Rabbit LD50 =>12800mg/kg	Oral Rat LD50 = 4700-5500mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

Isopropanol (Propan-2-ol)	Daphnia EC50/48h = 4600mg/l	Fathead minnows LC50/96h = 9600mg/l
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SECTION 13: Disposal considerations

General Information

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

	Flush down the drain with plenty of water. The product is classified as non-hazardous.
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Disposal of packaging

	Can be recycled if in compliance with, local and national regulations.
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SECTION 14: Transport information

14.6 Special precautions for user

	No precautions required to be mentioned.
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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	Not normally required.
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Further Information

	The product is not classified as dangerous for carriage
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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, 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/EEC 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
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Further Information

	Not applicable
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SECTION 16: Other information

Other Information

Text of risk phrases in Section 3	R11- Highly flammable R36 - Irritating to eyes. R67- Vapours may cause drowsiness and dizziness
Text of Hazard Statements in Section 3	Skin Sens. 1: H317- May Cause an allergic skin reaction Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 3: H412 – Harmful to aquatic life with long lasting effects.

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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Legal Disclaimer

	The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
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