



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
UK REACH Regulations (SI 2019/758 as amended)

Revision date 01/28/2025

Revision Number 6

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

### **1.1. Product identifier**

**Product Code(s)** C2117  
**Safety data sheet number** 0000111  
**Product Name** Astonish Foam & Fresh Toilet Block Eucalyptus  
**Pure substance/mixture** Mixture

Contains Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts, troclosene sodium, dihydrate, Sodium C14-C16 Olefin Sulphonate

**Formula** 2117F1

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

**Recommended use** Cleaning toilet bowls and removing limescale.

**Uses advised against**

### **1.3. Details of the supplier of the safety data sheet**

#### **Manufacturer**

The London Oil Refining Company Ltd  
Astonish House  
Unit 8 Thornbury Ind. Park.  
Woodhall Road  
Bradford BD3 7AF, UK  
Tel: +44 1274 767440 (8am-4pm Mon-Fri)  
[www.astonish.co.uk](http://www.astonish.co.uk)

For further information, please contact

**E-mail address** [info@astonish.co.uk](mailto:info@astonish.co.uk)

#### 1.4. Emergency telephone number

Emergency Telephone UK - Emergency Telephone: +44 (0) 1274 767440 (8am-4pm Mon-Fri).  
Alternatively in UK: Contact NHS 111 Telephone 111 (24 hours a day, 7days a week):  
Website 111.nhs.uk or a doctor

## SECTION 2: Hazards identification

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

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Chronic aquatic toxicity	Category 3 - (H412)

#### 2.2. Label elements

Contains Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts, troclosene sodium, dihydrate, Sodium C14-C16 Olefin Sulphonate



**Signal word**  
Danger

#### **Hazard statements**

H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H412 - Harmful to aquatic life with long lasting effects  
EUH206 - Warning! Do not use together with other products. May release dangerous gases (chlorine)

#### **Precautionary statements**

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P302 + P352 - IF ON SKIN: Wash with plenty of 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  
P332 + P313 - If skin irritation occurs: Get medical advice/attention  
P501 - Dispose of contents as hazardous waste in accordance with local/regional/national/international regulations

#### **Unknown acute toxicity**

#### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	NF	270-115-0	-	Aquatic Chronic 3 (H412) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
Sodium Sulphate 7757-82-6	10 - <25%	231-820-9	-	-	-	-	-
troclosene sodium, dihydrate 51580-86-0	1 - <2.5%	(613-030-01-7) 220-767-7	-	Aquatic Chronic 1 (H410) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Acute Tox. 4 (H302) STOT SE 3 (H335)	STOT SE 3 :: C>=10%	-	-
Sodium C14-C16 Olefin Sulphonate 68439-57-6	1 - <2.5%	270-407-8	-	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl 90622-77-8	1 - <2.5%	292-481-0	-	-	-	-	-
RSS [[[(phosphonomethyl)imino]bis[(ethylenetriolo)bis(methylene)]] tetrakisphosphonic acid, sodium salt 22042-96-2	0.025 - <0.25%	244-751-4	-	-	-	-	-
Coumarin 91-64-5	<0.025%	202-086-7	-	Acute Tox. 4 (H302) Skin Sens. 1B (H317)	-	-	-

### Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (UK REACH Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

#### Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

#### Eye contact

Get immediate medical attention. Rinse immediately with plenty of water, also under the

eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. If symptoms persist, call a physician.

**Ingestion**

Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

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

**Symptoms**

See Section 11 for additional Toxicological Information.

**Effects of Exposure**

See Section 11 for additional Toxicological Information.

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

**Note to physicians**

Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media**

Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical**

No information available.

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6: Accidental release measures**

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

**Personal precautions**

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other information**

Refer to protective measures listed in Sections 7 and 8.

**For emergency responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

### 7.3. Specific end use(s)

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### **Exposure Limits**

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### **Derived No Effect Level (DNEL) - Workers**

Chemical name	Oral	Dermal	Inhalation
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3		119 mg/kg bw/day [4] [6]	7.6 mg/m <sup>3</sup> [4] [6]
Sodium Sulphate 7757-82-6			20 mg/m <sup>3</sup> [4] [6] 20 mg/m <sup>3</sup> [5] [6]
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8		4.16 mg/kg bw/day [4] [6] 93.6 µg/cm <sup>2</sup> [5] [6]	73.4 mg/m <sup>3</sup> [4] [6]
Sodium C14-C16 Olefin Sulphonate 68439-57-6		2158.33 mg/kg bw/day [4] [6]	152.22 mg/m <sup>3</sup> [4] [6]
Coumarin 91-64-5		0.79 mg/kg bw/day [4] [6]	6.78 mg/m <sup>3</sup> [4] [6]

**Notes**

- [4] Systemic health effects.
- [5] Local health effects.
- [6] Long term.

**Derived No Effect Level (DNEL) - General Public**

Chemical name	Oral	Dermal	Inhalation
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	0.425 mg/kg bw/day [4] [6]		1.3 mg/m <sup>3</sup> [4] [6]
Sodium Sulphate 7757-82-6			12 mg/m <sup>3</sup> [4] [6] 12 mg/m <sup>3</sup> [5] [6]
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8	6.25 mg/kg bw/day [4] [6]	56.2 µg/cm <sup>2</sup> [5] [6]	21.73 mg/m <sup>3</sup> [4] [6]
Sodium C14-C16 Olefin Sulphonate 68439-57-6	12.95 mg/kg bw/day [4] [6]		45.04 mg/m <sup>3</sup> [4] [6]
Coumarin 91-64-5	0.39 mg/kg bw/day [4] [6]		1.69 mg/m <sup>3</sup> [4] [6]

**Notes**

- [4] Systemic health effects.
- [5] Local health effects.
- [6] Long term.

**Predicted No Effect Concentration (PNEC)**

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	0.268 mg/L	0.0167 mg/L	0.0268 mg/L		
Sodium Sulphate 7757-82-6	11.09 mg/L	17.66 mg/L	1.109 mg/L		
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8	0.007 mg/L	30 µg/L	0.0007 mg/L		
Sodium C14-C16 Olefin Sulphonate	0.024 mg/L	0.0197 mg/L	0.0024 mg/L		

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
68439-57-6					
Coumarin 91-64-5	19 µg/L	14.2 µg/L	1.9 µg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	8.1 mg/kg sediment dw	6.8 mg/kg sediment dw	3.43 mg/L	35 mg/kg soil dw	
Sodium Sulphate 7757-82-6	40.2 mg/kg sediment dw	4.02 mg/kg sediment dw	800 mg/L	1.54 mg/kg soil dw	
Amides, C12-18 and C18-unsatd., N- (hydroxyethyl 90622-77-8	1.201 mg/kg sediment dw	0.12 mg/kg sediment dw	830 mg/L		
Sodium C14-C16 Olefin Sulphonate 68439-57-6	0.767 mg/kg sediment dw	0.0767 mg/kg sediment dw	4 mg/L	1.21 mg/kg soil dw	
Coumarin 91-64-5	0.15 mg/kg sediment dw	0.015 mg/kg sediment dw	6.4 mg/L	0.018 mg/kg soil dw	30.7 mg/kg food

**8.2. Exposure controls**

**Engineering controls** No information available.

**Personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Wear suitable gloves.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**SECTION 9: Physical and chemical properties**

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

**Physical state** Solid  
**Appearance** Solid - Green & white  
**Color** green white  
**Odor** Balsamic.

Odor threshold	Not applicable	
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	> 100 °C	Not measured (>100°C)
Flammability	No data available	Does not ignite
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	No data available	5.0 - 7.0 (1%)
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	No data available	Soluble in water
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapor pressure	No data available	None known
Relative density	No data available	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapor density	No data available	None known
Particle characteristics		
Particle Size		
Particle Size Distribution		
Explosive properties	None	
Oxidizing properties	No information available	

**9.2. Other information**

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Reactivity Stable.

**10.2. Chemical stability**

Stability Stable under normal conditions.

**Explosion data**

    Sensitivity to mechanical impact None.

    Sensitivity to static discharge None.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions None under normal processing.

**10.4. Conditions to avoid**

Conditions to avoid None known based on information supplied.

**10.5. Incompatible materials**

**Incompatible materials** Strong acids. Strong bases. Strong oxidizing agents.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** None known based on information supplied.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Information on likely routes of exposure**

**Product Information**

- Inhalation** No known effect based on information supplied.
- Eye contact** Causes serious eye damage.
- Skin contact** Causes skin irritation.
- Ingestion** No known effect based on information supplied.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Burning. May cause redness and tearing of the eyes. Irritating.

**Acute toxicity**

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**Unknown acute toxicity  
Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts	= 404 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Sodium Sulphate	> 10000 mg/kg ( Rat )	-	> 2.4 mg/L ( Rat ) 4 h
troclosene sodium, dihydrate	= 1823 mg/kg ( Rat )	-	-
Sodium C14-C16 Olefin Sulphonate	= 2220 mg/kg ( Rat )	> 740 mg/kg ( Rabbit )	> 52 mg/L ( Rat ) 4 h
RSS [[[(phosphonomethyl)imino]bis[(ethylenenitrilo)bis(methylene)]]tetraakisphosphonic acid, sodium salt	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Coumarin	> 5000 mg/kg ( Rat )	= 293 mg/kg ( Rat )	-

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

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Respiratory or skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Other adverse effects</b>	No other adverse effects expected.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts	EC50: =9mg/L (96h, <i>Desmodesmus subspicatus</i> ) EC50: =11mg/L (72h, <i>Pseudokirchneriella subcapitata</i> ) EC50: 4.29 - 12.5mg/L (96h, <i>Pseudokirchneriella subcapitata</i> )	LC50: =5.1mg/L (96h, <i>Brachydanio rerio</i> ) LC50: 0.6 - 1.9mg/L (96h, <i>Brachydanio rerio</i> ) LC50: =2.2mg/L (96h, <i>Lepomis macrochirus</i> ) LC50: =0.7mg/L (96h, <i>Pimephales promelas</i> ) LC50: =3.4mg/L (96h, <i>Pimephales promelas</i> ) LC50: 3.8 - 6.6mg/L (96h, <i>Oncorhynchus mykiss</i> )	-	EC50: =0.63mg/L (48h, <i>Daphnia magna</i> )
Sodium Sulphate	-	LC50: 13500 - 14500mg/L (96h, <i>Pimephales promelas</i> ) LC50: >6800mg/L (96h,	-	EC50: =2564mg/L (48h, <i>Daphnia magna</i> )

		Pimephales promelas) LC50: 3040 - 4380mg/L (96h, Lepomis macrochirus) LC50: =13500mg/L (96h, Lepomis macrochirus)		
troclosene sodium, dihydrate	-	LC50: 0.25 - 1mg/L (96h, Lepomis macrochirus) LC50: 0.207 - 0.389mg/L (96h, Lepomis macrochirus) LC50: 0.176 - 0.267mg/L (96h, Oncorhynchus mykiss) LC50: =0.29mg/L (96h, Oncorhynchus mykiss) LC50: 0.13 - 0.36mg/L (96h, Oncorhynchus mykiss)	-	EC50: 0.00018 - 0.00021mg/L (48h, Daphnia magna) EC50: 0.093 - 0.16mg/L (48h, Daphnia magna)
Sodium C14-C16 Olefin Sulphonate	-	LC50: 1.0 - 10.0mg/L (96h, Brachydanio rerio) LC50: =12.2mg/L (96h, Brachydanio rerio)	-	-
RSS [[[(phosphonomethyl)imino ]bis[(ethylenenitrilo)bis(m ethylene)]]tetrakisphosph onic acid, sodium salt	EC50: =1.88mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =5372mg/L (96h, Pimephales promelas) LC50: =758mg/L (96h, Lepomis macrochirus) LC50: 180 - 252mg/L (96h, Oncorhynchus mykiss)	-	EC50: =242.2mg/L (48h, Daphnia magna)

## 12.2. Persistence and degradability

**Persistence and degradability** None known.

## 12.3. Bioaccumulative potential

**Bioaccumulation** Not likely to bioaccumulate.

### **Component Information**

Chemical name	Partition coefficient
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts	1.4
Sodium C14-C16 Olefin Sulphonate	-1.3
Amides, C12-18 and C18-unsatd., N- (hydroxyethyl	4.3

## 12.4. Mobility in soil

**Mobility in soil** Not determined.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts	The substance is not PBT / vPvB
Sodium Sulphate	The substance is not PBT / vPvB
troclosene sodium, dihydrate	The substance is not PBT / vPvB

Sodium C14-C16 Olefin Sulphonate	The substance is not PBT / vPvB
Amides, C12-18 and C18-unsatd., N- (hydroxyethyl	The substance is not PBT / vPvB
Coumarin	The substance is not PBT / vPvB

**12.6. Other adverse effects**

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**SECTION 14: Transport information**

**IATA**

- 14.1 UN number or ID number Not regulated
- 14.2 UN proper shipping name Not regulated
- 14.3 Transport hazard class(es) Not regulated
- 14.4 Packing group Not regulated
- 14.5 Environmental hazards Not applicable
- 14.6 Special precautions for user  
Special Provisions None

**IMDG**

- 14.1 UN number or ID number Not regulated
- 14.2 UN proper shipping name Not regulated
- 14.3 Transport hazard class(es) Not regulated
- 14.4 Packing group Not regulated
- 14.5 Environmental hazards Not applicable
- 14.6 Special precautions for user  
Special Provisions None
- 14.7 Maritime transport in bulk according to IMO instruments Not regulated

**RID**

- 14.1 UN number or ID number Not regulated
- 14.2 UN proper shipping name Not regulated
- 14.3 Transport hazard class(es) Not regulated
- 14.4 Packing group Not regulated
- 14.5 Environmental hazards Not applicable
- 14.6 Special precautions for user  
Special Provisions None

**ADR**

- 14.1 UN number or ID number Not regulated
- 14.2 UN proper shipping name Not regulated
- 14.3 Transport hazard class(es) Not regulated
- 14.4 Packing group Not regulated
- 14.5 Environmental hazards Not applicable

14.6 Special precautions for user  
Special Provisions None

**SECTION 15: Regulatory information**

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

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

**Persistent Organic Pollutants**

Not applicable

**Export Notification requirements**

Not applicable

**Dangerous substance category per COMAH Regulations 2015 (as amended)**

E1 - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1  
E2 - Hazardous to the Aquatic Environment in Category Chronic 2

**Named dangerous substances per COMAH Regulations 2015 (as amended)**

Not applicable

**The Ozone-Depleting Substances Regulations 2015**

Not applicable

**The Biocidal Products Regulations 2001 (as amended)**

Chemical name	The Biocidal Products Regulations 2001 (as amended)
troclosene sodium, dihydrate - 51580-86-0	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 3: Veterinary hygiene Product-type 4: Food and feed area Product-type 5: Drinking water Product-type 11: Preservatives for liquid-cooling and processing systems

**The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)**

Not applicable

**Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)**

Not applicable

**International Inventories**

TSCA	Contact supplier for inventory compliance status
DSL/NDSL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

**15.2. Chemical safety assessment**

**Chemical Safety Report** A Chemical Safety Assessment has not been carried out for this mixture

**SECTION 16: Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed  
 H315 - Causes skin irritation  
 H318 - Causes serious eye damage  
 H319 - Causes serious eye irritation  
 H335 - May cause respiratory irritation  
 H351i - Suspected of causing cancer if inhaled  
 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

**Legend**

SVHC: Substances of Very High Concern for Authorization:

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

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitizers		

**Classification procedure**

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 National Institute of Technology and Evaluation (NITE)  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

**Revision date** 01/28/2025

**This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)  
 Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.**

**End of Safety Data Sheet**

**UK SDS version information - XGHS**

UL release:  
 GHS Revision 7  
 2022 Q1

**United Kingdom**

Partial process, including GHS Wizard, NO TW

Full text of H-Statements referred to under section 3 H302 - Harmful if swallowed H315 - Causes skin irritation H318 - Causes serious eye damage H319 - Causes serious eye irritation H335 - May cause respiratory irritation H351i - Suspected of causing cancer if inhaled 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

Chemical name	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)
Benzenesulphonic acid, C10-13-alkyl derivs., sodium salts	Aquatic Chronic 3 (H412) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	
troclosene sodium, dihydrate	Aquatic Chronic 1 (H410) Eye Irrit. 2 (H319)	STOT SE 3 :: C>=10%

---

	Aquatic Acute 1 (H400) Acute Tox. 4 (H302) STOT SE 3 (H335)	
Sodium C14-C16 Olefin Sulphonate	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	
Coumarin	Acute Tox. 4 (H302) Skin Sens. 1B (H317)	