

**SAFETY DATA SHEET****CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID**

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name	CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID
Product number	800-142-0005
Internal identification	FB04
Container size	5 litres
UFI	07KX-AM36-1J7C-TJH8

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

Identified uses	Detergent.
Uses advised against	Not for Oral Consumption.

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

Supplier	www.countryrange.co.uk GB: The Country Range Group Ltd, 4 & 5, Jupiter House, Mercury Rise, Altham, Lancashire, BB5 5BY. +44 (0) 845 209 3777  EU: The Country Range Group, PO Box 246, NEWTOWNABBEY, BT36 9EZ. +44 (0) 845 209 3777
Contact person	For content of safety data sheet:, hello@countryrange.co.uk

**1.4. Emergency telephone number**

Emergency telephone	0845 209 3777 (Country Range)
National emergency telephone number	UK: In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (SI 2019 No. 720)**

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Aquatic Chronic 3 - H412

**2.2. Label elements**

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

### Hazard pictograms



### Signal word

Warning

### Hazard statements

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P264 Wash skin thoroughly after handling.

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.

P501 Dispose of contents/ container in accordance with local regulations.

### Detergent labelling

&lt; 5% anionic surfactants, &lt; 5% non-ionic surfactants, &lt; 5% perfumes, Contains 2-Bromo-2-nitropropane-1, 3-diol

### Supplementary precautionary statements

P101 If medical advice is needed, have product container or label at hand.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>C12-14 ALKYL ETHER SULFATES</b>		<b>1-5%</b>
CAS number: 68891-38-3		EC number: 500-234-8
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412		
<b>AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES</b>		<b>&lt;1%</b>
CAS number: 308062-28-4		EC number: 931-292-6
M factor (Acute) = 1		
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R38,R41. N;R50.

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

<b>PHOSPHORIC ACID</b>		<b>&lt;1%</b>
CAS number: 7664-38-2	EC number: 231-633-2	
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318		
<b>BRONOPOL (INN)</b>		<b>&lt;1%</b>
CAS number: 52-51-7	EC number: 200-143-0	
M factor (Acute) = 10		
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Provide eyewash station.
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

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

<b>General information</b>	Provide eyewash station.
<b>Inhalation</b>	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
<b>Ingestion</b>	Unlikely exposure route without abuse. Symptoms will include, Sickness, possible Irritation of GI Tract. A soapy taste may be reported.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

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

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

**Notes for the doctor** No specific recommendations.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

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

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.

#### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### PHOSPHORIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

##### C12-14 ALKYL ETHER SULFATES (CAS: 68891-38-3)

#### DNEL

Workers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2750 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day  
 Consumer - Oral; Long term systemic effects: 15 mg/kg/day

#### PNEC

- Fresh water; 0.24 mg/l  
 - marine water; 0.024 mg/l  
 - Intermittent release; 0.071 mg/l  
 - Sediment, Fresh water; 0.917 mg/kg  
 - Sediment, marine water; 0.092 mg/kg  
 - Soil; 7.5 mg/kg  
 - STP; 10,000 mg/l

##### COCONUT DIETHANOLAMIDE (CAS: 68155-07-7)

#### DNEL

Workers - Inhalation; Long term systemic effects: 73.4 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 4.16 mg/kg/day  
 Workers - Dermal; Long term local effects: 0.0936 mg/cm<sup>2</sup>  
 General population - Inhalation; Long term systemic effects: 21.73 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 2.5 mg/kg/day  
 General population - Dermal; Long term local effects: 0.0562 mg/cm<sup>2</sup>  
 General population - Oral; Long term systemic effects: 6.25 mg/kg/day

#### PNEC

- Fresh water; 0.007 mg/l  
 - marine water; 0.001 mg/l  
 - STP; 830 mg/l  
 - Sediment (Freshwater); 0.195 mg/kg  
 - Sediment (Marinewater); 0.019 mg/kg  
 - Soil; 0.035

##### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES (CAS: 308062-28-4)

#### DNEL

Workers - Inhalation; Long term systemic effects: 15.5 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 11 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 5.5 mg/kg/day  
 General population - Oral; Long term systemic effects: 0.44 mg/kg/day

#### PNEC

- Fresh water; 0.034 mg/l  
 - marine water; 0.003 mg/l  
 - STP; 24 mg/l  
 - Sediment (Freshwater); 5.24 mg/kg  
 - Sediment (Marinewater); 0.524 mg/kg  
 - Soil; 1.02 mg/kg

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### DIETHANOLAMINE (CAS: 111-42-2)

<b>DNEL</b>	Workers - Inhalation; Long term local effects: 1 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 0.13 mg/cm <sup>2</sup>
	General population - Inhalation; Long term local effects: 0.25 mg/m <sup>3</sup>
	General population - Dermal; Long term systemic effects: 0.07 mg/kg/day
	General population - Oral; Long term systemic effects: 0.06 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.02 mg/l
	- marine water; 0.002 mg/l
	- STP; 100 mg/l
	- Sediment (Freshwater); 0.092 mg/kg
	- Sediment (Marinewater); 0.009 mg/kg
	- Soil; 0.007 mg/kg

### PHOSPHORIC ACID (CAS: 7664-38-2)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 10.7 mg/m <sup>3</sup>
	Workers - Inhalation; Long term local effects: 1 mg/m <sup>3</sup>
	Workers - Inhalation; Short term local effects: 2 mg/m <sup>3</sup>
	General population - Inhalation; Long term systemic effects: 4.57 mg/m <sup>3</sup>
	General population - Inhalation; Long term local effects: 0.36 mg/m <sup>3</sup>
	General population - Oral; Long term systemic effects: 0.1 mg/kg/day

### BRONOPOL (INN) (CAS: 52-51-7)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 4.1 mg/m <sup>3</sup>
	Workers - Inhalation; Short term systemic effects: 12.3 mg/m <sup>3</sup>
	Workers - Inhalation; Long term local effects: 4.2 mg/m <sup>3</sup>
	Workers - Inhalation; Short term local effects: 4.2 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day
	Workers - Dermal; Short term systemic effects: 7 mg/kg/day
	Workers - Dermal; Long term local effects: 0.013 mg/cm <sup>2</sup>
	Workers - Dermal; Short term local effects: 0.013 mg/cm <sup>2</sup>
	General population - Inhalation; Long term systemic effects: 1.2 mg/m <sup>3</sup>
	General population - Inhalation; Short term systemic effects: 3.7 mg/m <sup>3</sup>
	General population - Inhalation; Long term local effects: 1.3 mg/m <sup>3</sup>
	General population - Inhalation; Short term local effects: 1.3 mg/m <sup>3</sup>
	General population - Dermal; Long term systemic effects: 1.4 mg/kg/day
	General population - Dermal; Short term systemic effects: 4.2 mg/kg/day
	General population - Dermal; Long term local effects: 0.008 mg/cm <sup>2</sup>
	General population - Dermal; Short term local effects: 0.008 mg/cm <sup>2</sup>
<b>PNEC</b>	General population - Oral; Long term systemic effects: 0.35 mg/kg/day
	General population - Oral; Short term systemic effects: 1.1 mg/kg/day
	- Fresh water; 0.01 mg/l
	- marine water; 0.008 mg/l
	- Intermittent release; 0.0025 mg/l
	- STP; 0.43 mg/l
	- Sediment (Freshwater); 0.041 mg/kg
	- Sediment (Marinewater); 0.00328 mg/kg
	- Soil; 0.5 mg/kg

## 8.2. Exposure controls

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment that provides appropriate eye and face protection should be worn.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. A break through time of >60 minutes is suggested. Gloves should be inspected regularly for damage.

### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.

### Hygiene measures

Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

### Respiratory protection

Respiratory protection not required.

### Environmental exposure controls

Avoid releasing into the environment.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid.
Colour	Yellow.
Odour	Lemon.
Odour threshold	Not applicable.
pH	pH (concentrated solution): 7.5
Melting point	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.

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Relative density	1.015 @ @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	No information available.
Explosive properties	Not applicable
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable.
Comments	Information given is applicable to the product as supplied.

### 9.2. Other information

Other information	Not relevant.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	Under normal storage conditions this product is stable.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not applicable.
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
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### 10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological effects	Information given is based on data of the components and of similar products.
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#### Acute toxicity - oral

Notes (oral LD <sub>50</sub> )	Based on available data the classification criteria are not met.
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#### Acute toxicity - dermal

Notes (dermal LD <sub>50</sub> )	Calculation method. Based on available data the classification criteria are not met.
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#### Acute toxicity - inhalation



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<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Irritation of eyes is assumed. Calculation method.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Does not contain any substances known to be mutagenic.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b>General information</b>	This product has low toxicity.
<b>Ingestion</b>	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.
<b>Eye contact</b>	Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.
<b>11.2 Information on other hazards</b>	
<b>11.2.1. Endocrine disrupting properties</b>	This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).
<b>11.2.2 Other information</b>	
<b><u>Toxicological information on ingredients.</u></b>	

### C12-14 ALKYL ETHER SULFATES

#### Acute toxicity - oral

<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	4,100.0
<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	4,100.0

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,001.0  
mg/kg)

Species Rat

ATE dermal (mg/kg) 2,001.0

### SODIUM CHLORIDE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> 3,550.0  
mg/kg)

Species Rat

Notes (oral LD<sub>50</sub>) REACH dossier information.

ATE oral (mg/kg) 3,550.0

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 10,000.1  
mg/kg)

Species Rabbit

Notes (dermal LD<sub>50</sub>) REACH dossier information.

ATE dermal (mg/kg) 10,000.1

### Skin corrosion/irritation

Skin corrosion/irritation Not irritating. REACH dossier information.

### Serious eye damage/irritation

Serious eye damage/irritation The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Slightly irritating.

### Respiratory sensitisation

Respiratory sensitisation No information available.

### Skin sensitisation

Skin sensitisation Not sensitising.

### Germ cell mutagenicity

Genotoxicity - in vitro This substance has no evidence of mutagenic properties.

### Carcinogenicity

Carcinogenicity There is no evidence that the product can cause cancer.

General information This product has low toxicity.

Inhalation No specific health hazards known.

Ingestion May cause irritation. Symptoms following overexposure may include the following:  
Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

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**Eye contact** May cause temporary eye irritation.

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,064.0

**Species** Rat

**ATE oral (mg/kg)** 1,064.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,000.1

**Species** Rat

**ATE dermal (mg/kg)** 2,000.1

#### Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

#### Skin sensitisation

**Skin sensitisation** Not sensitising.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

## SECTION 12: Ecological information

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

### Ecological information on ingredients.

#### SODIUM CHLORIDE

**Ecotoxicity** There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** The product contains a substance which is harmful to aquatic organisms.

### Ecological information on ingredients.

#### C12-14 ALKYL ETHER SULFATES

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 7.1 mg/l, Brachydanio rerio (Zebra Fish)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 7.2 mg/l, Daphnia magna  
REACH dossier information.

#### Chronic aquatic toxicity

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**Chronic toxicity - fish early life stage** NOEC, 28 days: 0.14 mg/l, Oncorhynchus mykiss (Rainbow trout)  
REACH dossier information.

**Chronic toxicity - aquatic invertebrates** NOEC, 21 days: 0.27 mg/l, Daphnia magna  
REACH dossier information.

### SODIUM CHLORIDE

**Toxicity** Not considered toxic to fish.

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 5840 mg/l, Lepomis macrochirus (Bluegill)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 874 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 96 hours: 6870 mg/l, Freshwater plants

#### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** NOEC, LOEC, 33 days: 252 and 352 mg/l, Pimephales promelas (Fat-head Minnow)

**Chronic toxicity - aquatic invertebrates** NOEC, 21 days: 314 mg/l, Freshwater invertebrates

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Toxicity** Very toxic to aquatic organisms. Supplier's information.

#### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 2.67 mg/l, Freshwater fish  
Supplier's information.

**Acute toxicity - aquatic invertebrates** LC<sub>50</sub>, 48 hours: 3.1 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** Supplier's information.  
EC<sub>50</sub>, 72 hours: 0.146 mg/l, Freshwater algae

#### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** Supplier's information.  
NOEC, 302 days: 0.42 mg/l, Freshwater fish

**Chronic toxicity - aquatic invertebrates** Supplier's information.  
NOEC, 21 days: 0.7 mg/l, Daphnia magna

## 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

## Ecological information on ingredients.

### C12-14 ALKYL ETHER SULFATES

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

**Biodegradation** Expected to be readily biodegradable.  
Water - Degradation 100%: 28 days  
REACH dossier information.

### SODIUM CHLORIDE

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Biodegradation** The substance is readily biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not applicable.

#### Ecological information on ingredients.

### C12-14 ALKYL ETHER SULFATES

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** log Pow: ~ 0.3 REACH dossier information.

### SODIUM CHLORIDE

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not technically possible for a mixture.

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Bioaccumulative potential** No information available.

#### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

#### Ecological information on ingredients.

### C12-14 ALKYL ETHER SULFATES

**Mobility** The product is soluble in water.

**Adsorption/desorption coefficient** - Log Koc: 0.34 @ °F

### SODIUM CHLORIDE

**Mobility** The product is water-soluble and may spread in water systems.

### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

### Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Endocrine disrupting properties

#### Endocrine disrupting properties

This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

#### Ecological information on ingredients.

#### C12-14 ALKYL ETHER SULFATES

##### Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current UK criteria.

#### SODIUM CHLORIDE

##### Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

##### Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current UK criteria.

### 12.6. Other adverse effects

#### Other adverse effects

None known.

#### Ecological information on ingredients.

#### SODIUM CHLORIDE

##### Other adverse effects

None known.

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

##### Other adverse effects

Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### General information

Do not discharge into drains or watercourses or onto the ground.

#### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Normal use solutions are expected to be flushed to sewers. Reuse or recycle products wherever possible.

## SECTION 14: Transport information

### General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

## CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

#### National regulations

GB (UK) CLP and REACH Regulations.  
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
EH40/2005 Workplace exposure limits.  
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).  
The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).  
The Detergents Regulations 2010 (SI 2010 No. 740) (as amended). The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended). The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020 - as amended

#### EU legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)  
European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
European Regulation (EC) No 648/2004 on detergents (as amended).  
Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.

#### Guidance

Workplace Exposure Limits EH40.  
ECHA Guidance on the Application of the CLP Criteria.  
ECHA Guidance on the compilation of safety data sheets.  
COSHH Essentials.  
Technical Guidance WM2: Hazardous Waste.

### 15.2. Chemical safety assessment

No information available.

**CLEAN RANGE PRO CONCENTRATED LEMON WASHING UP LIQUID****SECTION 16: Other information**

<b>Abbreviations and acronyms used in the safety data sheet</b>	DNEL: Derived No Effect Level.
	PBT: Persistent, Bioaccumulative and Toxic substance.
	PNEC: Predicted No Effect Concentration.
	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
<b>Revision comments</b>	New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision. Review of SDS with no change of classification.
<b>Revision date</b>	15/10/2025
<b>Revision</b>	7
<b>Supersedes date</b>	08/05/2025
<b>SDS number</b>	22670
<b>Risk phrases in full</b>	Not classified.
	R21/22 Harmful in contact with skin and if swallowed.
	R22 Harmful if swallowed.
	R37/38 Irritating to respiratory system and skin.
	R38 Irritating to skin.
	R41 Risk of serious damage to eyes.
<b>Hazard statements in full</b>	R50 Very toxic to aquatic organisms.
	H290 May be corrosive to metals.
	H302 Harmful if swallowed.
	H312 Harmful in contact with skin.
	H314 Causes severe skin burns and eye damage.
	H315 Causes skin irritation.
	H318 Causes serious eye damage.
	H319 Causes serious eye irritation.
	H335 May cause respiratory irritation.
	H400 Very toxic to aquatic life.
	H411 Toxic to aquatic life with long lasting effects.
	H412 Harmful to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

----- END OF SDS -----