



## SAFETY DATA SHEET

### CLEAN RANGE PRO BLEACH

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**

<b>Product name</b>	CLEAN RANGE PRO BLEACH
<b>Product number</b>	800-102-0008
<b>Internal identification</b>	WA01
<b>Container size</b>	5 litres
<b>UFI</b>	GDT6-TGNN-4H7Q-EYAJ

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

<b>Identified uses</b>	Cleaning agent. Detergent.
<b>Uses advised against</b>	Use only for intended applications.

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

<b>Supplier</b>	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
<b>Contact person</b>	For content of safety data sheet: hello@countryrange.co.uk

##### **1.4. Emergency telephone number**

<b>Emergency telephone</b>	0845 209 3777 (Country Range)
<b>National emergency telephone</b>	UK:
<b>number</b>	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
	Ireland:
	National Poisons Information Centre
	Beaumont Hospital
	Tel: 01 809 2166 (8:00 a.m. to 10.00 p.m. 7 days a week)
	Tel: 01 809 2566 (health care professionals)

#### **SECTION 2: Hazards identification**

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

###### **Classification (SI 2019 No. 720)**

<b>Physical hazards</b>	Met. Corr. 1 - H290
<b>Health hazards</b>	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
<b>Environmental hazards</b>	Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

## CLEAN RANGE PRO BLEACH

### 2.2. Label elements

#### Hazard pictograms



**Signal word**

Danger

**Hazard statements**

H290 May be corrosive to metals.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
 P273 Avoid release to the environment.  
 P302+P352 IF ON SKIN: Wash with plenty of 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.  
 P310 Immediately call a POISON CENTER/ doctor.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Supplemental label information**

EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

**Contains**

SODIUM HYPOCHLORITE

**Detergent labelling**

< 5% chlorine-based bleaching agents

**Supplementary precautionary statements**

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.  
 P234 Keep only in original packaging.  
 P332+P313 If skin irritation occurs: Get medical advice/ attention.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P390 Absorb spillage to prevent material damage.  
 P391 Collect spillage.

### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >0.1% published by the European Chemicals Agency (ECHA) under article 57 of the REACH regulation (as amended). 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). This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

## CLEAN RANGE PRO BLEACH

<b>SODIUM HYPOCHLORITE</b>	1-5%
CAS number: 7681-52-9	EC number: 231-668-3
M factor (Acute) = 10	M factor (Chronic) = 1
<b>Classification</b>	
Ox. Liq. 2 - H272	
Met. Corr. 1 - H290	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

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>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues. Rinse nose and mouth with water.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing. Get medical attention if irritation persists after washing. Rinse immediately with plenty of water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel. Rinse immediately with plenty of water.

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

<b>Inhalation</b>	The product is considered to be a low hazard under normal conditions of use. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Irritation.
<b>Ingestion</b>	This product is strongly irritating. May cause discomfort if swallowed. May cause stomach pain or vomiting.
<b>Skin contact</b>	The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Redness. Irritation. Dryness and/or cracking.
<b>Eye contact</b>	The product is irritating to eyes and skin. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

## CLEAN RANGE PRO BLEACH

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Chlorine. Hydrogen chloride (HCl). Oxides of carbon.
<b>5.3. Advice for firefighters</b>	
<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	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

<b>Personal precautions</b>	Avoid contact with skin, eyes and clothing. For personal protection, see Section 8.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Stop leak if safe to do so. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground. Absorb in vermiculite, dry sand or earth and place into containers. Do not use sawdust or other combustible material. Provide adequate ventilation. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. Small Spillages: Flush away spillage with plenty of water.
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#### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray/mists. Do not mix with other household chemical products. Do not mix with acid.
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<b>Advice on general occupational hygiene</b>	Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.
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#### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from light. Store away from the following materials: Acids. Store at temperatures between 5°C and 25°C. Keep out of the reach of children.
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#### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### Occupational exposure limits

SODIUM HYPOCHLORITE

## CLEAN RANGE PRO BLEACH

Short-term exposure limit (15-minute): WEL 0.5 ppm 1.5 mg/m<sup>3</sup>  
 WEL = Workplace Exposure Limit.

### SODIUM HYPOCHLORITE (CAS: 7681-52-9)

#### DNEL

Industry - Inhalation; Long term local effects: 1.55 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term systemic effects: 1.55 mg/m<sup>3</sup>  
 Industry - Inhalation; Short term local effects: 3.1 mg/m<sup>3</sup>  
 Industry - Inhalation; Short term systemic effects: 3.1 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term local effects: 1.55 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term systemic effects: 1.55 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term local effects: 3.1 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term systemic effects: 3.1 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 0.26 mg/kg/day

#### PNEC

- Fresh water; 0.00021 mg/l
- marine water; 0.000042 mg/l
- Intermittent release; 0.00026 mg/l
- STP; 4.69 mg/l
- ;

## 8.2. Exposure controls

### 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). 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 skin cream to prevent drying 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.

## CLEAN RANGE PRO BLEACH

<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	Chlorine.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): >11.5
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	Not determined. This product is not considered to be flammable.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	Not flammable
<b>Upper/lower flammability or explosive limits</b>	The product is not flammable or explosive.
<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	1.05 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	111°C
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	There are no chemical groups present in the product that are associated with explosive properties.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

<b>Other information</b>	Not relevant.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	The reactivity data for this product will be typical of those for the following class of materials: Acids. Alkalies. Oxidising materials.
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### 10.2. Chemical stability

## CLEAN RANGE PRO BLEACH

**Stability** Decomposes over time. Factors that increase the rate of decomposition: increase in temperature, certain metallic impurities, high initial concentration, fall in pH below 11 and exposure to light. Will decompose at temperatures exceeding 111°C.

### **10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Generates toxic gas in contact with acid. Chlorine.

### **10.4. Conditions to avoid**

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

### **10.5. Incompatible materials**

**Materials to avoid** Acids. Ammonia. Organic compounds. Some metals. Nickel. Iron. Copper.

### **10.6. Hazardous decomposition products**

**Hazardous decomposition products** Chlorine. Sodium chlorate. Hypochlorous acid. Hydrogen chloride (HCl). Oxides of the following substances: Chlorine.

## **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.

**Other health effects** Does not contain any substances known to be carcinogenic.

#### **Acute toxicity - oral**

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### **Acute toxicity - dermal**

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### **Acute toxicity - inhalation**

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### **Skin corrosion/irritation**

**Skin corrosion/irritation** Causes skin irritation. On basis of test data.

#### **Extreme pH**

≥ 11.5

#### **Serious eye damage/irritation**

**Serious eye damage/irritation** Causes serious eye irritation. On basis of test data.

#### **Respiratory sensitisation**

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

#### **Skin sensitisation**

**Skin sensitisation** Not sensitising.

#### **Germ cell mutagenicity**

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

#### **Carcinogenicity**

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

#### **Reproductive toxicity**

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

#### **Specific target organ toxicity - single exposure**

## CLEAN RANGE PRO BLEACH

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure** Based on available data the classification criteria are not met.

**Aspiration hazard**

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

**General information** This product has low toxicity.

**Inhalation** The product is considered to be a low hazard under normal conditions of use.

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

**Skin contact** Prolonged or repeated exposure may cause the following adverse effects: Dryness and/or cracking. Redness. Skin irritation.

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

**11.2 Information on other hazards**

**11.2.1. 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).

**11.2.2 Other information** None known

**Toxicological information on ingredients.**

### SODIUM HYPOCHLORITE

**Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub>)** 8,910.0 mg/kg

**Species** Rat

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

**ATE oral (mg/kg)** 8,910.0

**Acute toxicity - dermal**

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

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

**Skin corrosion/irritation**

**Animal data** Corrosive to skin. REACH dossier information. Dose: LD50 = 20g/kg bw, 2 days, Rabbit

**Serious eye damage/irritation**

**Serious eye damage/irritation** Corrosivity to eyes is assumed.

**Respiratory sensitisation**

**Respiratory sensitisation** Not sensitising.

## CLEAN RANGE PRO BLEACH

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vivo** REACH dossier information. Negative.

### Carcinogenicity

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

### Reproductive toxicity

**Reproductive toxicity - fertility** REACH dossier information. No evidence of reproductive toxicity in animal studies.

## SECTION 12: Ecological information

**Ecotoxicity** Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

**Toxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product contains a substance which is harmful to aquatic organisms.

### Acute aquatic toxicity

**Acute toxicity - aquatic invertebrates** Reference: AISE report "Environmental classification of sodium hypochlorite containing bleach products.", 9 September 2009.  
EC<sub>50</sub>, 48 hours: > 1 mg/l mg/l, Daphnia magna

### Ecological information on ingredients.

#### SODIUM HYPOCHLORITE

##### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.01 < L(E)C50 ≤ 0.1

**M factor (Acute)** 10

**Acute toxicity - fish** EC<sub>50</sub>, 96 hours: 0.01-0.1 mg/l,

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 0.01-0.1 mg/l, Daphnia magna

**Acute toxicity - microorganisms** LOEC, : 0.375 mg/l, Activated sludge

##### Chronic aquatic toxicity

**NOEC** 0.001 < NOEC ≤ 0.01

**Degradability** Rapidly degradable

**M factor (Chronic)** 1

### 12.2. Persistence and degradability

**Persistence and degradability** The product contains inorganic substances which are not biodegradable. May accumulate in soil and sediment. Substantially removed in biological treatment processes.

### Ecological information on ingredients.

## CLEAN RANGE PRO BLEACH

### SODIUM HYPOCHLORITE

**Stability (hydrolysis)** Water  
 - Half-life 10% NaOCL: 220 days @ 25°C  
 - Half-life 5% NaOCL: 790 days @ 25°C  
 REACH dossier information.

**Biodegradation** The methods for determining the biological degradability are not applicable to inorganic substances.

#### 12.3. Bioaccumulative potential

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

**Partition coefficient** No information available.

#### Ecological information on ingredients.

### SODIUM HYPOCHLORITE

**Bioaccumulative potential** Low potential for bioaccumulation.

**Partition coefficient** log Kow: -3.4174 REACH dossier information.

#### 12.4. Mobility in soil

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

#### Ecological information on ingredients.

### SODIUM HYPOCHLORITE

**Henry's law constant** 0.076 @ 20°C

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

**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.

### SODIUM HYPOCHLORITE

**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** There is evidence that sodium hypochlorite inhibits the aerobic treatment process at a concentration of 0.05 mg/l.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste product or used containers in accordance with local regulations

## CLEAN RANGE PRO BLEACH

### SECTION 14: Transport information

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

#### 14.1. UN number

Not applicable.

**UN No. (ADR/RID)** 1791

**UN No. (IMDG)** 1791

**UN No. (ICAO)** 1791

**UN No. (ADN)** 1791

#### 14.2. UN proper shipping name

Not applicable.

**Proper shipping name (ADR/RID)** HYPOCHLORITE SOLUTION

**Proper shipping name (IMDG)** HYPOCHLORITE SOLUTION (CONTAINS SODIUM HYPOCHLORITE)

**Proper shipping name (ICAO)** HYPOCHLORITE SOLUTION

**Proper shipping name (ADN)** HYPOCHLORITE SOLUTION

#### 14.3. Transport hazard class(es)

Not applicable.

**ADR/RID class** 8

**ADR/RID classification code** C9

**ADR/RID label** 8

**IMDG class** 8

**ICAO class/division** 8

**ADN class** 8

#### Transport labels



#### 14.4. Packing group

Not applicable.

**ADR/RID packing group** III

**IMDG packing group** III

**ICAO packing group** III

**ADN packing group** III

#### 14.5. Environmental hazards

## CLEAN RANGE PRO BLEACH

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

Not applicable.

**IMDG Code segregation group** 8. Hypochlorites

**EmS** F-A, S-B

**ADR transport category** 3

**Emergency Action Code** 2X

**Hazard Identification Number (ADR/RID)** 80

**Tunnel restriction code** (E)

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

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** 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** 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 Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).  
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
 The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
 Health and Safety at Work etc. Act 1974 (as amended).  
 EH40/2005 Workplace exposure limits.  
 Control of Substances Hazardous to Health Regulations 2002 (as amended).  
 Control of Pollution (Special Waste) Regulations 1980 (as amended).  
 Control of Pollution Act 1974.

## CLEAN RANGE PRO BLEACH

### 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).  
 European Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products (BPR) as amended.  
 Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.  
 System of specific information relating to Dangerous Preparations. 2001/58/EC.

### Guidance

COSHH Essentials.  
 ECHA Guidance on the Application of the CLP Criteria.  
 ECHA Guidance on the compilation of safety data sheets.

### 15.2. Chemical safety assessment

A Chemical Safety Assessment (CSA) has been completed for Sodium hypochlorite.

### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	DNEL Derived No Effect Level PNEC Predicted No Effect Concentration STP Sewage Treatment Plant vPvB very Persistent, very Bio-accumulative
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision. Review with no changes to classification Note: Finished product SDS take their revision history from the parent bulk liquid SDS. The revision data will show that of the parent liquid.
<b>Revision date</b>	17/10/2025
<b>Revision</b>	11
<b>Supersedes date</b>	08/05/2025
<b>Hazard statements in full</b>	H272 May intensify fire; oxidiser. H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic 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.