



**SAFETY DATA SHEET**  
according to Regulation (EU) 2015/830

**7X Bio Freshener Concentrate**

Revision: 2  
Revision date: 24/08/2022

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

<b>1.1 Product identifier</b>	
<b>Product name</b>	7X Bio Freshener Concentrate
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
<b>Product Use</b>	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
<b>1.3 Details of the supplier of the safety data sheet</b>	
<b>Company Address</b>	Ionic Products Ltd Blaris Industrial Estate, Altona Road, Lisburn, Co Antrim BT27 5QB United Kingdom
<b>Web</b>	<a href="http://www.ionicproductsltd.com">www.ionicproductsltd.com</a>
<b>Telephone</b>	028 9267 3331
<b>Email:</b>	<a href="mailto:Info@ionicproductsltd.com">Info@ionicproductsltd.com</a>
<b>1.4 Emergency telephone number</b>	
<b>Emergency telephone number</b>	028 9267 3331. In the event of a medical enquiry involving this product, please contact your GP or local A&E dept. Ireland: National Poisons Centre, Beaumont Hospital, Dublin 9 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**

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.2 Classification - EC 1272/2008</b>	Skin Corr. 1B: H314; EUH208:Contains fragrance. May produce an allergic reaction.
<b>2.2 Label elements</b>	
<b>Hazard pictograms</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
<b>Precautionary Statement: Prevention</b>	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 -Immediately call a POISON CENTER/doctor/ . P363 - Wash contaminated clothing before reuse.
<b>Precautionary Statement Storage</b>	P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures****EC 1272/2008**

Chemical name	Index No.	CAS No.	EC No.	REACH registration Number	Conc (%w/w)	Classification
Mono propylene glycol (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	20-30%	
Alkyl polyglucoside		68515-73-1	500-220-1	01-2119488530-36	10-20%	Eye Dam. 1: H318;
Lactic acid		79-33-4	201-196-2	01-2119474764-39	1-10%	Skin Irrit. 2: H315; Eye Dam.1: H318;

**SECTION 4: First aid measures****4.1 Description of first aid measures**

<b>Inhalation</b>	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	Causes burns. Causes severe inflammation and may damage the cornea. Wash with water. Seek medical attention.
<b>Skin contact</b>	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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

<b>Inhalation</b>	Irritant, Severe respiratory.
<b>Eye contact</b>	Causes severe burns.
<b>Skin contact</b>	Causes severe burns.
<b>Ingestion</b>	Causes severe burns.

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

	No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.
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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

	Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Foam.
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**5.2 Special hazards arising from the substance or mixture**

	Corrosive. 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. Evacuate personnel to a safe 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. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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**6.4 Reference to other sections**

	For personal protective equipment see subsection 8.2. For disposal considerations see section 13.
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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. For incompatibilities refer to section 10.4.
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**7.3 Specific end use(s)**

	No specific advice for end use available.
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****8.1.1 Exposure Limit Values - UK**

<b>Mono propylene glycol (Propane-1,2-diol total vapour and particulates)</b>	Particulates: WEL 8-hr limit mg/m3	10
	Vapour & Particulates: WEL 8-hr limit ppm:	10
	Vapour & Particulates: WEL 8-hr limit mg/m3:	474

### 8.1.1 Occupational Exposure Limits Values (OELVs) - Ireland

<b>Mono propylene glycol (Propane-1,2-diol total vapour and particulates)</b>	Occupational Exposure Limit Value (8-hour reference period)	150 ppm (total) 470 mg/m3 (total) 10 mg/m3 (vapour & particulates)
	Occupational Exposure Limit Value (15-minute reference period)	

**DNEL: Derived no-effect level.**



#### Exposure Pattern - Workers

<b>Mono propylene glycol (Propane-1,2-diol total vapour and particulates)</b>	Long-term - systemic effects, Inhalation	168 mg/m3
	Long-term - local effects, Inhalation	10 mg/m3

#### Exposure Pattern - General population

<b>Mono propylene glycol (Propane-1,2-diol total vapour and particulates)</b>	Long-term - systemic effects, Skin contact	213 mg/kg bw/day
	Long-term - systemic effects, Inhalation	50 mg/m3
	Long-term - systemic effects, Ingestion	85 mg/kg bw/day
	Long-term - local effects, Inhalation	10 mg/m3

### 8.2 Exposure controls

<b>8.2.1 Appropriate engineering controls</b> <b>8.2.2 Individual protection measures</b> <b>Eye / face protection</b> <b>Skin protection -</b> <b>Hand protection</b> <b>Respiratory protection</b>	 
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Avoid contact with skin and eyes. Wash hands after handling the product.
	Ensure adequate ventilation of the working area.
	Wear chemical protective clothing.
	Safety glasses. (EN166)
	Chemical resistant gloves (PVC). (EN 374)
	Not normally required. Do not breathe gas/fumes/vapour/spray.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Brown
<b>Odour</b>	Characteristic
<b>pH</b>	2.5 - 4.0
<b>Melting point</b>	Not determined
<b>Freezing Point</b>	Not determined
<b>Initial boiling point</b>	Not determined
<b>Flash point</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not applicable to liquids
<b>Fat Solubility</b>	Not determined
<b>Partition coefficient</b>	Not determined
<b>Autoignition temperature</b>	Not determined
<b>Viscosity</b>	<100 cp @20°C
<b>Explosive properties</b>	Not explosive
<b>Oxidising properties</b>	Not oxidising
<b>Solubility</b>	Soluble in water
<b>Vapour pressure</b>	Not determined

### 9.2 Other information

<b>Conductivity</b>	Not determined
<b>Surface tension</b>	Not determined
<b>Specific gravity</b>	1.11 g/cm <sup>3</sup>

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No other adverse effects known.

**10.4 Conditions to avoid**

Avoid contact with: Alkalis, Chlorine-based bleaching agents

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

<b>Skin corrosion/irritation</b>	Causes burns.
<b>Germ cell mutagenicity</b>	No mutagenic effects reported.
<b>Carcinogenicity</b>	No carcinogenic effects reported.
<b>Reproductive toxicity</b>	No observed effect level.

**11.1.4 Toxicological Information**

<b>Mono propylene glycol (Propane-1,2-diol total vapour and particulates)</b>	LD50 oral rat 22000 mg/kg  Inhalation Rabbit; 2 h; > 317042 mg/l (dust/mist)  Dermal Rabbit LD50: > 2000 mg/kg
<b>Alkyl polyglucoside</b>	Inhalation Rat LC50/15min: NDA  Oral Rat LD50: NDA  Dermal Rabbit LD50: NDA  Dermal Rat LD50: NDA  Oral Mouse LD50 NDA  Dermal Guinea Pig LD50: NDA
<b>Lactic acid</b>	LD50 oral rat 3543 mg/kg  Inhalation Rat LC50/4 h 7.94 mg/l (dust/mist)  Dermal Rabbit LD50: NDA

**SECTION 12: Ecological information****12.1 Toxicity**

<b>Mono propylene glycol (Propane-1,2-diol total vapour and particulates)</b>	Daphnia EC50/48h: 43500 mg/l  Fish LC50/96 40613 mg/l  Algae LC50/72h: NDA
<b>Alkyl polyglucoside</b>	Algae EC50/72h: NDA  Guppy LC50/96h: NDA  Daphnia LC50/48h: NDA
<b>Lactic acid</b>	Daphnia EC50/48h: 240 mg/l  Fish LC50/96 320 mg/l  Algae LC50/72h: 3500 mg/l

**12.2 Persistence and degradability**

No data is available on this product.

**12.3 Bioaccumulative potential**

No data is available on this product.

**Partition coefficient**

No data is available on this product.

**12.4 Mobility in soil**

No data is available on this product.

## 12.5 Results of PBT and vPvB assessment

	Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.
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## 12.6 Other adverse effects

	No other adverse effects known.
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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 of packaging

	Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water.
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### Further information

	European Waste Catalogue: 20 01 14 acids.
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## SECTION 14: Transport information

### 14.1 UN number

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

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

ADR/RID	The product is not classified as dangerous for carriage.
Subsidiary risk	-
IMDG	The product is not classified as dangerous for carriage.
Subsidiary risk	-
IATA	The product is not classified as dangerous for carriage.
Subsidiary risk	-

### 14.4 Packing group

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

Environmental hazards	No
Marine pollutant	No

### ADR/RID

Hazard ID	-
Tunnel Category	-

### IMDG

EmS Code	-
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### IATA

Packing Instruction (Cargo)	-
Maximum quantity	-
Packing Instruction (Passenger)	-
Maximum quantity	-

## SECTION 15: Regulatory information

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

	EU regulations: • Regulation(EC)No.1907/2006 - REACH • Regulation(EC)No1272/2008 - CLP • Regulation(EC)No.648/2004 - Detergents regulation  Ingredients according to EC Detergents Regulation 648/2004 15 - 30%: Non ionic surfactants Other ingredients: Perfume
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### 15.2 Chemical safety assessment

	A chemical safety assessment has not been carried out on the mixture.
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## SECTION 16: Other information

### Other information

Revision	This document differs from the previous version in the following areas:. Changes to sections: 2, 4, 5, 8, 10, 11, 11, 13
Acronyms	LC: Lethal concentration. LD: Lethal dose. NDA - No data available. NOAEC: No observed adverse effect concentration. NOAEL: No observed adverse effect level. NOEC: No observed effect concentration. NOEL: No observed effect level.

<b>Text of Hazard Statements in Section 3</b>	PBT: Persistent, bioaccumulative and toxic. SVHC. Substance of very high concern. vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available. Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.
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**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.  Internal ref: F000175
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