



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

**11P Laundry Peroxide
Destainer**

Revision: 1
Revision date: 18/05/2020

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

1.1 Product identifier

Product name	11P Laundry Peroxide
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1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
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1.3 Details of the supplier of the safety data sheet

Company Address	Ionic Products Ltd Blaris Industrial Estate, Altona Road, Lisburn, Co Antrim BT27 5QB United Kingdom
Web	www.ionicproductsltd.com
Telephone	028 9267 3331
Email:	Info@ionicproductsltd.com

1.4 Emergency telephone number

Emergency telephone number	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)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.2 Classification - EC 1272/2008	Acute Tox. 4: H302; Eye Dam. 1: H318; STOT SE 3: H335;
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2.2 Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3: H335 - May cause respiratory irritation.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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/ .
Precautionary Statement Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	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
Hydrogen peroxide solution	008-003-00-9	7722-84-1	231-765-0	01-2119485845-22	30-40%	Ox. Liq. 1: H271; Acute Tox. 4: H332; Acute Tox. 4: H302; Skin Corr. 1A: H314;

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes serious eye damage. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER /doctor/ .
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Causes serious eye damage.
Skin contact	Corrosive, Causes severe burns.
Ingestion	Harmful if swallowed

4.3 Indication of any immediate medical attention and special treatment needed

	Indication of any immediate medical attention and special treatment needed <ul style="list-style-type: none"> - Take victim immediately to hospital. - Immediate medical attention is required. - Consult with an ophthalmologist immediately in all cases. - If swallowed - Avoid gastric lavage (risk of perforation). - Keep under medical supervision for at least 48 hours.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2 Special hazards arising from the substance or mixture

	<ul style="list-style-type: none"> - Oxygen released in thermal decomposition may support combustion - Contact with combustible material may cause fire. - Contact with flammables may cause fire or explosions. - Risk of explosion if heated under confinement.
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5.3 Advice for firefighters

	Wear suitable respiratory equipment when necessary. Wear: Protective equipment. Cool fire exposed containers with waterspray.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2 Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3 Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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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. Keep away from incompatible materials. Keep away from heat.
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7.2 Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from combustible material. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from incompatible materials. Keep cool. Keep only in the original container.
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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

Hydrogen peroxide solution	WEL 8-hr limit ppm	1
	WEL 15 min limit ppm	2
	WEL 8-hr limit mg/m3	1.4
	WEL 15 min limit mg/m3:	2.8

8.1.1 Occupational Exposure Limits Values (OELVs) - Ireland

Hydrogen peroxide solution	Occupational Exposure Limit Value (8-hour reference period)	1 ppm 1.5 mg/m3
	Occupational Exposure Limit Value (15-minute reference period)	2 ppm 3 mg/m3

DNEL: Derived no-effect level.

Exposure Pattern - Workers

Hydrogen peroxide solution	Inhalation, Short-term exposure, Local effects	3 mg/m3
	Inhalation, Long-term exposure, Local effects	1.4 mg/m3

Exposure Pattern - General population

Hydrogen peroxide solution	Inhalation, Short-term exposure, Local effects	1.93 mg/m3
	Long-term exposure, Local effects	0.21 mg/m3



8.2.1 Appropriate engineering controls 8.2.2 Individual protection measures Eye / face protection Skin protection - Hand protection Respiratory protection	Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Wash hands after handling the product.
	Ensure adequate ventilation of the working area.
	Use appropriate personal protective equipment.
	Safety glasses. (EN166)
	Chemical resistant gloves (PVC). (EN 374)
Respiratory protection	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

Appearance	Liquid
Colour	Colourless
Odour	Characteristic
pH	2.2
Melting point	Not determined
Freezing Point	Not determined
Initial boiling point	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable to liquids
Fat Solubility	Not determined
Partition coefficient	Not determined

Autoignition temperature	Not determined
Viscosity	<100 cp @20°C
Explosive properties	Not explosive
Oxidising properties	No data available
Solubility	Soluble in water
Vapour pressure	Not determined

9.2 Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1.1 g/cm ³

SECTION 10: Stability and reactivity

10.1 Reactivity

	Decomposes on heating. Potential for exothermic reaction.
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10.2 Chemical stability

	Stable under normal conditions.
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10.3 Possibility of hazardous reactions

	<ul style="list-style-type: none"> - Contact with combustible material may cause fire. - Contact with flammables may cause fire or explosions. - Risk of explosion if heated under confinement. - Fire or intense heat may cause violent rupture of packages. - Hazardous decomposition product is oxygen.
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10.4 Conditions to avoid

	Contamination. To avoid thermal decomposition, do not overheat. Incompatible with Acids. Bases. Organic materials. Reducing agents. Metal articles. Organic materials. Flammable liquids. Flammable solids.
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation	Irritating to eyes and skin.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

11.1.4 Toxicological Information

Hydrogen peroxide solution	<p>1,193 - Acute oral toxicity, LD50, rat 1,270 mg/kg</p> <p>Acute inhalation toxicity, LC50, > 0.17 4 h, rat mg/l, vapour</p> <p>Acute dermal toxicity, LD50, > 2,000 rabbit mg/kg</p>
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SECTION 12: Ecological information

12.1 Toxicity

Hydrogen peroxide solution	<p>Algae EC50/72h: 2.6mg/l</p> <p>Fish LC50/96h: 16.4mg/l</p> <p>Daphnia EC50/48h: 1 mg/l</p>
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12.2 Persistence and degradability

	No data is available on this product.
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12.3 Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

	No data is available on this product.
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12.4 Mobility in soil

	No data is available on this product.
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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 29.
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SECTION 14: Transport information**Hazard pictograms****14.1 UN number**

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14.2 UN proper shipping name

	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
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14.3 Transport hazard class(es)

ADR/RID	5.1
Subsidiary risk	8
IMDG	5.1
Subsidiary risk	8
IATA	5.1
Subsidiary risk	8

14.4 Packing group

Packing group	II
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14.5 Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	58
Tunnel Category	E

IMDG

EmS Code	F-H-S-Q
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IATA

Packing Instruction (Cargo)	554
Maximum quantity	5L
Packing Instruction (Passenger)	550
Maximum quantity	1L

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

	<p>EU regulations:</p> <ul style="list-style-type: none"> • Regulation(EC)No.1907/2006 - REACH • Regulation(EC)No1272/2008 - CLP • Regulation(EC)No.648/2004 - Detergents regulation <p>Ingredients according to EC Detergents Regulation 648/2004 >30% :Oxygen based bleaching agents,</p>
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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:
Acronyms	<p>Changes to sections 1, 3, 8, 9, 11, 12, 15</p> <p>LC: Lethal concentration. LD: Lethal dose. NDA - No data available. NOAEC: No observed adverse effect concentration. NOAEL: No observed adverse effect level.</p>

Text of Hazard Statements in Section 3	NOEC: No observed effect concentration. NOEL: No observed effect level. PBT: Persistent, bioaccumulative and toxic. SVHC. Substance of very high concern. vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available. Ox. Liq. 1: H271 - May cause fire or explosion; strong oxidiser. Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Acute Tox. 4: H332 - Harmful if inhaled.
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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: F000090
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