



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

11G Laundry Emulsifier

Revision: 1
Revision date: 01/07/2020

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

1.1 Product identifier

Product name	11G Laundry Emulsifier
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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; Aquatic Chronic 1: H410;
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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. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. 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/ . P330 - Rinse mouth. P391 - Collect spillage.

Further information

	Contains: alcohol ethoxylate.
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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
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)		68002-97-1			20-30%	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 3: H412;
C12-C15 Alcohol Ethoxylate 3EO (*R01)		106232-83-1			1-10%	Eye Dam. 1: H318; Aquatic Acute 1: H400;
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	1-10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

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. 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	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. 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	No irritation expected.
Ingestion	Harmful if swallowed

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

	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. 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.
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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

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400
	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500
	WEL 15 min limit mg/m3: 1250

8.1.1 Occupational Exposure Limits Values (OELVs) - Ireland

Isopropanol (Propan-2-ol)	Occupational Exposure Limit Value (8-hour reference period)	200 ppm
	Occupational Exposure Limit Value (15-minute reference period)	400 ppm

DNEL: Derived no-effect level.



Exposure Pattern - Workers

Isopropanol (Propan-2-ol)	Long-term - inhalation - Systemic effects	500 mg/m ³
	Long-term - dermal - Systemic effects	888 mg/kg

Exposure Pattern - General population

Isopropanol (Propan-2-ol)	Long-term - inhalation - Systemic effects	80 mg/m ³
	Long-term - dermal - Systemic effects	319 mg/kg
	Long-term - oral - Systemic effects	26 mg/kg

8.2 Exposure controls

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)
	Wash hands after handling the product. For prolonged contact protection for the skin may be necessary. (EN374)
	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	Green
Odour	Characteristic
pH	7.0
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	50 - 300 cp @20°C
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Solubility	Soluble in water

Vapour pressure	Not determined
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9.2 Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	0.98 g/cm ³

SECTION 10: Stability and reactivity

10.1 Reactivity

	No reactivity hazards known under normal storage and use conditions.
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10.2 Chemical stability

	Stable under normal conditions.
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10.3 Possibility of hazardous reactions

	No other adverse effects known.
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10.4 Conditions to avoid

	None.
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation	No skin irritation expected. Causes serious eye damage.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

11.1.4 Toxicological Information

Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50 NDA
	Oral Rat LD50: 100 mg/kg	Oral Mouse LD50: NDA
	Dermal Rabbit LD50: 2,000 mg/kg	Dermal Guinea Pig LD50 NDA
C12-C15 Alcohol Ethoxylate 3EO (*R01)	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50 NDA
	Oral Rat LD50: >2,000 mg/kg	Oral Mouse LD50: NDA
	Dermal Rabbit LD50: Serious eye damage /irritation	Dermal Guinea Pig LD50 NDA
Isopropanol (Propan-2-ol)	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50 NDA
	Oral Rat LD50: NDA	Oral Mouse LD50: 3600 mg/kg
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50 NDA

SECTION 12: Ecological information

12.1 Toxicity

Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	Daphnia EC50/48h: NDA
	Fish LC50/96h: NDA
	Algae IC50/72h: NDA
C12-C15 Alcohol Ethoxylate 3EO (*R01)	Daphnia EC50/48h: 10 mg/l
	Fish LC50/96h: 10 mg/l
	Algae IC50/72h: 10 mg/l
Isopropanol (Propan-2-ol)	Fish LC50/96h: 1000.0000 mg/l
	Daphnia LC50/48h: NDA
	Green algae EC50/96h: NDA

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.

12.6 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations**General information**

Dispose of in compliance with all local and national regulations.

Disposal of packagingDispose of in compliance with all local and national regulations.
Empty containers can be cleaned with water.**Further information**

European Waste Catalogue: 20 01 29.

SECTION 14: Transport information**Hazard pictograms****14.1 UN number**

UN3082

14.2 UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOL ETHOXYLATES)

14.3 Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4 Packing group

Packing group III

14.5 Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID

Hazard ID	90
Tunnel Category	E

IMDG

EmS Code F-A-S-F

IATA

Packing Instruction (Cargo)	964
Maximum quantity	450L
Packing Instruction (Passenger)	964
Maximum quantity	450L

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: Preservatives,

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: Changes to sections 1, 3, 8, 9, 11, 12, 15
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. PBT: Persistent, bioaccumulative and toxic. SVHC. Substance of very high concern. vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available.
Text of Hazard Statements in Section 3	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Acute 1: H400 - Very toxic to aquatic life. Eye Dam. 1: H318 - Causes serious eye damage.

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.

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