



Companion in Hygiene Solutions

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

7C Decarbonising Powder

Revision: 1
Revision date: 28/04/2020

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

1.1 Product identifier	
Product name	7C Decarbonising Powder
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);
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)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture	
2.1.2 Classification - EC 1272/2008	Skin Corr. 1A: H314;
2.2 Label elements	
Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	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.
Precautionary Statement Storage	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.
Further information	
	Contains: Sodium hydroxide.

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
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	>90%	Skin Corr. 1A: H314;
Sodium alkylbenzenesulphonate		90194-45-9	290-656-6	01-2119490234-40	1-10%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318;

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	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. 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	Irritating to eyes.
Skin contact	Irritating to skin.
Ingestion	Irritant.

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

	Do not allow product to enter drains. Prevent further spillage if safe.
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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

Sodium hydroxide	WEL 8-hr limit ppm -	WEL 8-hr limit mg/m3 -
	WEL 15 min limit ppm -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust -	WEL 15 min limit mg/m3 total respirable dust: -

8.1.1 Occupational Exposure Limits Values (OELVs) - Ireland

Sodium hydroxide	Occupational Exposure Limit Value (8-hour reference period)	-
	Occupational Exposure Limit Value (15-minute reference period)	2 mg/m3

DNEL: Derived no-effect level.



Exposure Pattern - Workers

Sodium hydroxide	Acute dermal - Local effects	2 mg/m ³
	Long-term - inhalation - Local effects	1 mg/m ³

Exposure Pattern - General population

Sodium hydroxide	Acute dermal - Local effects	2 mg/m ³
	Long-term - inhalation - Local effects	1 mg/m ³

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)
	Chemical resistant gloves (PVC). (EN 374)
	Not normally required. Do not breathe dust.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Powder
Colour	Yellow
Odour	Characteristic
pH	@1% >13
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 determined
Fat Solubility	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Solubility	Soluble in water
Vapour pressure	Not determined

9.2 Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	Not determined

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: Acids.

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**

Sodium hydroxide	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50: NDA
	Oral Rat LD50: NDA	Oral Mouse LD50 NDA
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50: NDA
Sodium alkylbenzenesulphonate	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50: NDA
	Oral Rat LD50: >2000 mg/kg	Oral Mouse LD50 NDA
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50: NDA

SECTION 12: Ecological information**12.1 Toxicity**

Sodium hydroxide	Fish LC50/96h: 125 mg/l
	Daphnia LC50/24h: 76 mg/l
	Green Algae EC50/48h: 22mg/l (15min)
Sodium alkylbenzenesulphonate	Algae IC50/72h: NDA
	Fish LC50/96h: NDA
	Daphnia EC50/48h: 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

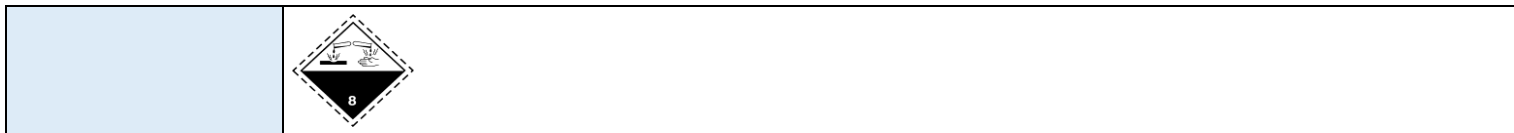
No other adverse effects known.

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**

UN1823

14.2 UN proper shipping name

SODIUM HYDROXIDE, SOLID

14.3 Transport hazard class(es)

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

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	80
Tunnel Category	E

IMDG

EmS Code	F-A-S-B
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IATA

Packing Instruction (Cargo)	863
Maximum quantity	50kg
Packing Instruction (Passenger)	859
Maximum quantity	15kg

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 Less than 5%: Anionic surfactants, Phosphates</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: Changes to sections 1, 3, 8, 9, 11, 12, 15
Acronyms	<p>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.</p>
Text of Hazard Statements in Section 3	<p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation.</p>

	Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage.
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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.
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