



Companion in Hygiene Solutions

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

**11KC Laundry Citric Sour**

Revision: 1  
Revision date: 02/07/2020

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

**1.1 Product identifier**

<b>Product name</b>	11KC Laundry Citric Sour
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**1.2 Relevant identified uses of the substance or mixture and uses advised against**

<b>Product Use</b>	[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**

<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>

**1.4 Emergency telephone number**

<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)
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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

<b>2.1.2 Classification - EC 1272/2008</b>	Eye Irrit. 2: H319;
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**2.2 Label elements**

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Eye Irrit. 2: H319 - Causes serious eye irritation. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Prevention</b>	
<b>Precautionary Statement: Response</b>	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

**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
Citric acid		5949-29-1	201-069-1	01-2119457026-42	10-20%	Eye Irrit. 2: H319;

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

<b>Inhalation</b>	Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. <b>DO NOT INDUCE VOMITING.</b>

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

<b>Inhalation</b>	May cause irritation to respiratory system.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	No irritation expected.
<b>Ingestion</b>	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

#### 8.2 Exposure controls

	 
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Wash hands after handling the product.
<b>8.2.1 Appropriate engineering controls</b>	Ensure adequate ventilation of the working area.
<b>8.2.2 Individual protection measures</b>	Use appropriate personal protective equipment.
<b>Eye / face protection</b>	Safety glasses. (EN166)
<b>Skin protection - Hand protection</b>	Wash hands after handling the product. For prolonged contact protection for the skin may be necessary. (EN374)
<b>Respiratory protection</b>	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>	Colourless
<b>Odour</b>	Characteristic
<b>pH</b>	1.5 - 3
<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>	1.05 g/cm <sup>3</sup>

## 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

	Avoid contact with: Alkalis.
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

<b>Skin corrosion/irritation</b>	Irritating to eyes.
<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>Citric acid</b>	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50: NDA
	Oral Rat LD50: 3000 mg/kg	Oral Mouse LD50: 5400 mg/kg
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50: NDA

## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Citric acid</b>	Fish LC50/96h: 760mg/l
	Daphnia LC50/72h 120 mg/l
	Algae EC50/168h 640mg/l

### 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

#### 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 Other ingredients: Preservatives
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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	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.

<b>Text of Hazard Statements in Section 3</b>	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. 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: F000467
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