

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** CITRIC ACID MONO BP**REACH registered name:** CITRIC ACID**REACH registered number(s):** 05-2114094521-51**CAS number:** 5949-29-1**EINECS number:** 201-069-1**Index number:** 0169**Product code:** CITRICMONO**Synonyms:** * 2-HYDROXY-1,2,3-PROPANETRICARBOXYLIC ACID MONOHYDRATE**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of substance / mixture: * PC19: Intermediate. PC34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids. PC9a: Coatings and paints, thinners, paint removers. PC30: Photo-chemicals. PC21: Laboratory chemicals. PC37: Water treatment chemicals.

1.3. Details of the supplier of the safety data sheet**Company name:** Oceanic Saunas Ltd

Pountney Street

Wolverhampton

West Midlands

WV2 4HX

United Kingdom

Tel: 01902 450550**Email:** sales@oceanic-saunas.co.uk**1.4. Emergency telephone number****Emergency tel:** -**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Eye Irrit. 2: H319**Most important adverse effects:** Causes serious eye irritation.

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2.2. Label elements

Label elements:

Hazard statements: * H319: Causes serious eye irritation.

Signal words: * Warning

Hazard pictograms: * GHS07: Exclamation mark



Precautionary statements: * P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: CITRIC ACID MONOHYDRATE

CAS number: 5949-29-1

EINECS number: 201-069-1

REACH registered number(s): 05-2114094521-51

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: * Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: * Do not induce vomiting. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact. An itchy rash may occur at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Nausea and stomach pain may occur. There may be vomiting.

[cont...]

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: * Water spray. Alcohol resistant foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: * Transfer to a suitable container. Wash the spillage site with large amounts of water. Neutralise with dilute sodium hydroxide solution.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

[cont...]

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8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: * Protective gloves. PVC gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Crystals

Colour: White

Odour: Odourless

Solubility in water: Soluble

Melting point/range°C: ~153

Part.coeff. n-octanol/water: -0.2 to 1.8

Relative density: 1.665

Flash point°C: >93

Autoflammability°C: ~350

pH: 1.7 (100g/l)

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: * Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: * Heat.

10.5. Incompatible materials

Materials to avoid: * Alkalis. Copper. Zinc. Aluminium. Acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

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* Toxicity values:

Route	Species	Test	Value	Units
ORL	RAT	LD50	300	mg/kg
DERMAL	RBT	LD50	404	mg/kg
ORAL	MUS	LD50	5400	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. An itchy rash may occur at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Nausea and stomach pain may occur. There may be vomiting.

Section 12: Ecological information

12.1. Toxicity

* Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	72H ErC50	120	mg/l
GREEN ALGA (Selenastrum capricornutum) -		640	mg/l

12.2. Persistence and degradability

Persistence and degradability: * Readily biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Must be disposed of in accordance with local and national regulations.

Waste code number: 070199

Disposal of packaging: Dispose of as normal industrial waste.

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NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H319: Causes serious eye irritation.

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