

Product Information

Citric Acid Anhydrous

Product Description:

This product is composed of white granulated crystals of a very high purity anhydrous citric acid. Citric acid is very soluble in water and has excellent buffering and weakly acidic properties in solution. It is soluble in organic solvents such as ethanol and ether.

Applications:

Citric acid is used as a retarder in concrete and gypsum mixtures. It is used as a dispersant in oil & gas well cementing systems. It is used in the food industry as an acidifier, stabilizer, flavouring and chelating agent. It can be used as a soldering flux, in the passivation of steel and in detergent manufacture.

Chemical Formula:

$C_6H_8O_7$

CAS No. :

77-92-9

Specifications

Parameters (units)	Specifications
Appearance	Granulated crystals
Citric Acid (%)	99.5 - 100
Moisture content (%)	0.0 - 0.2
Sulfated ash (%)	≤ 0.05
Sulfate (ppm)	< 30
Oxalate (ppm)	≤ 100
Cadmium (ppm)	< 0.1
Chromium (ppm)	< 1
Calcium (ppm)	< 10
Nickel (ppm)	< 1
Iron (ppm)	< 1
Chloride (ppm)	< 5
Aluminium (ppm)	< 0.2

Parameters (units)	Specifications
Barium (ppm)	< 1
Mercury (ppm)	< 1
Arsenic (ppm)	< 1
Lead (ppm)	< 1
Copper (ppm)	< 1
Zinc (ppm)	< 1
Magnesium (ppm)	< 1
Pesticide residue (ppb)	≤ 10
Microbiology analysis, total count (cfu/g mL)	< 100
Yeast (cfu/g mL)	< 1000
E. coli (cfu/g mL)	< 10
Enterobacteriaceae (cfu/g mL)	< 10

Bisley International LLC
1790 Hughes Landing Boulevard Suite 400
The Woodlands 77380 TX USA
Phone number: +1 (844) 424 7539
Emergency telephone number: +1 855 237 5573

bisleyinternational.com

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Packaging:

Material is available in 25 kg polyethylene bags and 1000 kg polypropylene bags. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place at room temperature (10 °C - 30 °C) away from direct sunlight in sealed, original packaging. The shelf life for this product is 24 months.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

Global Headquarters

Sydney, Australia

Bisley & Company
Level 12, Tower B Citadel Towers
799 Pacific Highway
Chatswood NSW 2067 Australia
Phone: +61 2 8905 4200
Fax: +61 2 8905 4238
Email: australia@bisley.biz

Jakarta, Indonesia

PT Bisindo Kencana
Puri Indah
Financial Tower
9th Floor, Unit 09 Jalan Puri
Lingkar Dalam Blok
T8 Jakarta Barat 11610
Indonesia
Phone: +6221 530 7287

Bangkok, Thailand

Bisley Asia (Thailand) Co. Ltd.
Mahatun Plaza Building 18th Floor
888/186 Ploenchit Road
Lumpini, Pathumwan
Bangkok 10330
Thailand
Phone: +66 0 2689 6396
Fax: +66 0 2689 6394

Kuala Lumpur, Malaysia

Bisley Asia (M) Sdn Bhd
Co. Reg. No.:199201002123
(233627-U)
Suite 20-01 & 20-02B,
Level 20, The Pinnacle,
Persiaran Lagoon, 47500
Bandar Sunway, Subang Jaya Selangor,
Malaysia
Tel: +603-56244287/4289
Fax: +603-56244201

Dubai, United Arab Emirates

Bisley Chemicals Trading LLC
1802 B2B Office Tower
Business Bay
PO Box 9298
Dubai United Arab Emirates
Phone: +971 4 3310088
+971 4 3310111
Fax: +971 4 3310099

USA and Canada

Bisley International LLC
1790 Hughes Landing Boulevard
Suite 400
The Woodlands 77380 TX USA
Phone: +1 (844) 424 7539
Emergency telephone number:
+1 855 237 5573
Email: international@bisley.biz

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