



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**Issuing Date** 11-Aug-2025

**Revision Date** 11-Aug-2025

**Revision Number** 4

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Product code** 50714

**Product Name** MFC Green

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Descaler

### 1.3. Details of the supplier of the safety data sheet

**Supplier name** Cafetto

**Supplier Address** 12 Coglin Street, Brompton SA 5007 Australia  
Parkstraat 83 2514JG Den Haag, The Netherlands;  
37-38 Long Acre, WC2E 9JT, London, U.K.

**Supplier phone number** Australia: +61 8 8245 6901  
EU: +31 70 353 8142  
UK: +44 20 7193 7370

**Supplier email** enquiry@cafetto.com

### 1.4. Emergency telephone number

**Emergency telephone**

#### **Emergency telephone §45 - (EC)1272/2008**

<b>Europe</b>	112
<b>Australia</b>	000
<b>UNITED STATES</b>	911
<b>United Kingdom</b>	999

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### **Regulation (EC) No 1272/2008**

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)

### 2.2. Label elements



**Signal word**

**Warning**

#### **Hazard Statements**

H319 - Causes serious eye irritation  
H315 - Causes skin irritation

#### **Precautionary Statements - EU (§28, 1272/2008)**

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P264 - Wash hands thoroughly after handling  
P280 - Wear protective gloves and eye/face protection  
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  
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap  
P332 + P313 - If skin irritation occurs: Get medical advice/attention  
P362 + P364 - Take off contaminated clothing and wash it before reuse  
P501 - Dispose of contents/containers in accordance with local regulations

### 2.3. Other hazards

Refer to Section 11.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Citric Acid	201-069-1	77-92-9	10-30%	STOT SE 3 (H335) Eye Irrit. 2 (H319)
Tartaric acid	201-766-0	87-69-4	1-10%	Eye Dam. 1 (H318)

**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**Section 4: First aid measures****4.1. Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash with plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. IF SWALLOWED. Do NOT induce vomiting. Call a physician.

**Self-protection of the first aider** Avoid contact with skin, eyes or clothing. See section 8 for more information.

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

<b>Symptoms</b>	Burning sensation.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	Treat symptomatically.
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**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
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**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture****Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**5.3. Advice for firefighters****Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## Section 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

### **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## Section 7: Handling and storage

### **7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**General Hygiene Considerations** Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Store in a well-ventilated place.

### **7.3. Specific end use(s)**

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## Section 8: Exposure controls/personal protection

### **8.1. Control parameters**

#### **Exposure Limits**

Chemical name	European Union	United Kingdom	France	Spain	Germany
Citric Acid 77-92-9	-	-	-	-	TWA: 2 mg/m <sup>3</sup>
Tartaric acid 87-69-4	-	-	-	-	TWA: 2 mg/m <sup>3</sup>
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Citric Acid 77-92-9	-	STEL: 4 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	-	-	-
Tartaric acid 87-69-4	-	STEL: 4 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	-	-	-

**Derived No Effect Level (DNEL)** According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified

**Predicted No Effect Concentration (PNEC)** According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified

## 8.2. Exposure controls

### Personal protective equipment

<b>Eye/face protection</b>	If splashes are likely to occur, wear safety glasses with side-shields.
<b>Hand Protection</b>	Wear suitable gloves. Impervious gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Environmental exposure controls</b>	Local authorities should be advised if significant spillages cannot be contained.

**General Hygiene Considerations** Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear
<b>Odor</b>	Neutral
<b>Color</b>	Colorless
<b>Odor Threshold</b>	No information available

<b>Property</b>	<b>Values</b>
<b>pH</b>	2.01-2.3
<b>Melting / freezing point</b>	Property does not apply to product.
<b>Boiling point / boiling range</b>	Property does not apply to product. No data available
<b>Flash Point</b>	Property does not apply to product. No data available

<b>Evaporation Rate</b>	Property does not apply to product. No data available
<b>Flammability (solid, gas)</b>	Property does not apply to product. No data available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit</b>	Property does not apply to product. No data available
<b>Lower flammability limit</b>	Property does not apply to product. No data available
<b>Vapor pressure</b>	Property does not apply to product. No data available
<b>Vapor density</b>	Property does not apply to product. No data available
<b>Relative density</b>	1.110-1.120
<b>Water Solubility</b>	Soluble in water
<b>Solubility(ies)</b>	Property does not apply to product. No data available
<b>Partition coefficient:</b>	Property does not apply to product. No information available
<b>n-octanol/water</b>	
<b>Autoignition temperature</b>	Property does not apply to product. No data available
<b>Decomposition temperature</b>	Property does not apply to product. No data available
<b>Kinematic viscosity</b>	Property does not apply to product. No data available
<b>Dynamic viscosity</b>	Property does not apply to product. No data available
<b>Explosive properties</b>	Property does not apply to product.
<b>Oxidizing properties</b>	Property does not apply to product.

## 9.2. Other information

<b>Softening Point</b>	Property does not apply to product.
<b>Molecular Weight</b>	Property does not apply to product.
<b>VOC Content (%)</b>	Property does not apply to product.
<b>Liquid Density</b>	Property does not apply to product.
<b>Bulk Density</b>	Property does not apply to product.
<b>Particle Size</b>	Property does not apply to product.
<b>Particle Size Distribution</b>	Property does not apply to product.

## **Section 10: Stability and reactivity**

### 10.1. Reactivity

<b>Remarks</b>	Property does not apply to product.
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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

<b>Possibility of Hazardous Reactions</b>	None under normal processing.
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<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
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### 10.4. Conditions to avoid

None known.

#### Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

### 10.5. Incompatible materials

Not known based on the information provided.

#### **10.6. Hazardous decomposition products**

Carbon oxides.

### **Section 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Information on likely routes of exposure**

###### **Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Irritating to eyes. (based on components). Causes serious eye irritation.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### **Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	Redness. May cause redness and tearing of the eyes.
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Component Information
Citric Acid (77-92-9)

###### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Citric Acid	= 11,700 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Tartaric acid	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	-

##### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Irritating to skin.
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<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Irritating to eyes.
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**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive Toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## **11.2 Information on other hazards**

### **11.2.1 Endocrine disrupting properties**

**Endocrine disrupting properties** Not applicable.

### **11.2.2. Other information**

**Other adverse effects** Based on available data, the classification criteria are not met.

## **Section 12: Ecological information**

### **12.1. Toxicity**

#### **Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Citric Acid	No data available	48h LC50, 440 mg/L	No data available	24h EC50, 1535 mg/L
Tartaric acid	72h EC50, 51.4 mg/L	96h LC50, > 100 mg/L	No data available	48h EC50, 93.31 mg/L

### **12.2. Persistence and degradability**

**Persistence and Degradability** Not considered to be persistent. Has degradable properties.

### **12.3. Bioaccumulative potential**

**Bioaccumulation** Not considered to be bioaccumulative.

### **12.4. Mobility in soil**

**Mobility in soil** Adsorbs on soil.

### **12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** Not considered to be persistent, bioaccumulative and toxic.

Not considered to be very persistent and very bioaccumulating.

Chemical name	PBT and vPvB assessment
Citric Acid	The substance is not PBT / vPvB
Tartaric acid	The substance is not PBT / vPvB

### **12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** Not Applicable

#### **12.7. Other adverse effects**

No information available.

### **Section 13: Disposal considerations**

#### **13.1. Waste treatment methods**

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Dispose of contents/containers in accordance with local regulations.

### **Section 14: Transport information**

#### **IMDG/IMO**

<b>14.1 UN number or ID number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Marine pollutant</b>	Not applicable
<b>14.6 Special precautions for user</b>	None
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	No information available

<b>RID</b>	Not applicable
<b>14.1 UN number or ID number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	None

<b>ADR</b>	Not applicable
<b>14.1 UN number or ID number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing Group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	None

<b>IATA</b>	Not applicable
<b>14.1 UN number or ID number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	NON REGULATED
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for</b>	None

user

### Section 15: Regulatory information

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

##### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

##### **Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Citric Acid - 77-92-9	Use restricted. See item 75.	

##### Persistent Organic Pollutants

Not applicable.

##### Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable.

#### 15.2. Chemical safety assessment

No information available.

##### **Additional Regulatory Information:**

This SDS complies with legislative requirements in Australia, including Safe Work Australia guidelines, Australian Dangerous Goods Code and the criteria for the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals In accordance with European Regulation (EC) No 648/2004, this product contains: Anionic surfactants <1%

### Section 16: Other information

#### Key or legend to abbreviations and acronyms used in the safety data sheet

##### **Full text of H-Statements referred to under section 3**

H314 - Causes severe skin burns and eye damage

##### **Legend**

SVHC	Substance of very high concern
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	Very Persistent and Very Bioaccumulative
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure

TWA Time-Weighted Average

### Section 8: Exposure controls and personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australian Industrial Chemicals Introduction Scheme (AICIS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

U.S. Environmental Protection Agency High Production Volume Chemicals

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

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This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006.

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet