



# 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

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Revision Date 11-Aug-2025

Revision Number 3

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

### 1.1. Product identifier

Product code 30549

Product Name MFC Blue

CLP unique formula identifier (UFI) EN6H-F4AP-E00E-HS5A

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

Recommended Use Milk system cleaner

### 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

For further information, please contact.

### 1.4. Emergency telephone number

Emergency telephone

Emergency telephone §45 - (EC)1272/2008	
Europe	112
Australia	000

UNITED STATES	911
United Kingdom	999

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

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

Skin corrosion/irritation	Category 1 - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Chronic aquatic toxicity	Category 3 - (H412)

### 2.2. Label elements



Signal word

**Danger**

#### Hazard Statements

H314 - Causes severe skin burns and eye damage

H412 - Harmful to aquatic life with long lasting effects

#### 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

P280 - Wear eye protection/ face protection

P260 - Do not breathe dusts or mists

P264 - Wash skin thoroughly after handling

P273 - Avoid release to the environment

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 or doctor

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

P363 - Wash contaminated clothing before reuse

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P310 - Immediately call a POISON CENTER or doctor

P405 - Store locked up

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]
Sodium metasilicate, pentahydrate	600-279-4	10213-79-3	1-10%	Met. Corr. 1 (H290) Skin Corr. 1B (H314) STOT SE3 (H335)
Ethylene diamine tetraacetic acid, tetrasodium salt	200-573-9	64-02-8	1-10%	Acute Tox. 4 (H302) 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  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **Section 4: First aid measures**

### **4.1. Description of first aid measures**

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. 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. Do NOT induce vomiting. Call a physician.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

### **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**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**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.

#### **Hazardous Combustion Products**

Carbon oxides.

### **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. Use personal protective equipment as required. Ensure adequate ventilation.

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

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

## **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**

### **Biological occupational exposure limits**

**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>	Tight sealing safety goggles.
<b>Hand Protection</b>	Wear suitable gloves. Impervious gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing. Long sleeved 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.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained.

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

# **Section 9: Physical and chemical properties**

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

Physical state	Liquid
Appearance	Blue
Odor	Neutral
Color	Blue
Odor Threshold	Not applicable

<u>Property</u>	<u>Values</u>
pH	12.9 - 13.8
Melting / freezing point	Property does not apply to product.
Boiling point / boiling range	Property does not apply to product.
Flash Point	Property does not apply to product.
Evaporation Rate	Property does not apply to product.
Flammability (solid, gas)	Property does not apply to product.
Flammability Limit in Air	
Upper flammability limit	Property does not apply to product.
Lower flammability limit	Property does not apply to product.
Vapor pressure	Property does not apply to product.
Vapor density	Property does not apply to product.
Relative density	1.101 - 1.111
Water Solubility	Miscible in water
Solubility(ies)	Property does not apply to product.
Partition coefficient: n-octanol/water	Property does not apply to product.
Autoignition temperature	Property does not apply to product.
Decomposition temperature	Property does not apply to product.
Kinematic viscosity	Property does not apply to product.
Dynamic viscosity	Property does not apply to product.
Explosive properties	Property does not apply to product.
Oxidizing properties	Property does not apply to product.

## 9.2. Other information

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

## Section 10: Stability and reactivity

### 10.1. Reactivity

Remarks	Property does not apply to product.
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### 10.2. Chemical stability

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**10.4. Conditions to avoid**

None known.

Explosion Data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

**10.5. Incompatible materials**

None known based on 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. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components).
<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**

**Symptoms** Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium metasilicate, pentahydrate	= 847 mg/kg ( Rat )	-	-
Ethylene diamine tetraacetic acid, tetrasodium salt	= 1658 mg/kg ( Rat ) = 10 g/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.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.
<b>Respiratory or skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	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.

<b>Section 12: Ecological information</b>
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**12.1. Toxicity**

**Ecotoxicity** Harmful to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethylene diamine tetraacetic acid, tetrasodium salt	72h EC50: = 1.01 mg/L (Desmodesmus subspicatus)	96h LC50: = 59.8 mg/L (Pimephales promelas) 96h LC50: = 41 mg/L (Lepomis macrochirus)	No data available	24h EC50: = 610 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, bioaccumulating and toxic.  
Not considered to be very persistent and very bioaccumulating.

Chemical name	PBT and vPvB assessment
Ethylene diamine tetraacetic acid, tetrasodium salt	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**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Dispose of contents/containers in accordance with local regulations.

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

**IMDG/IMO** Not applicable

**14.1 UN number or ID number** Not applicable

**14.2 UN proper shipping name** Not applicable

**14.3 Transport hazard class(es)** Not applicable

**14.4 Packing group** Not applicable

**14.5 Marine pollutant** Not applicable

**14.6 Special precautions for user** None

**14.7 Maritime transport in bulk according to IMO instruments** No information available

**RID** Not applicable

**14.1 UN number or ID number** Not applicable

**14.2 UN proper shipping name** Not applicable

**14.3 Transport hazard class(es)** Not applicable

**14.4 Packing group** Not applicable

**14.5 Environmental hazards** Not applicable

**14.6 Special precautions for user** 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 user</b>	None

## Section 15: Regulatory information

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

#### National regulations

##### France

Occupational Illnesses (R-463-3, France)

##### 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).

#### **Persistent Organic Pollutants**

Not applicable.

#### **Dangerous substance category per Seveso Directive (2012/18/EU)**

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

#### **Named dangerous substances per Seveso Directive (2012/18/EU)**

#### **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: Phosphonates 1-10%, Non-ionic surfactants 1-10%, Cationic surfactant <1%, Amphoteric 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

H290 - May be corrosive to metals  
H314 - Causes severe skin burns and eye damage  
H335 - May cause respiratory irritation  
H302 - Harmful if swallowed  
H318 - Causes serious eye damage  
H301 - Toxic if swallowed  
H311 - Toxic in contact with skin  
H225 - Highly flammable liquid and vapor  
H370 - Causes damage to organs  
H331 - Toxic if inhaled  
H315 - Causes skin irritation  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

#### 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**