



# 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 23-Apr-2018

Revision number 3

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

### 1.1. Product Identifier

Product code E23215 PBV000315

Product name MFC Orange

### 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 Coglein Street, Brompton SA 5007 Australia  
Parkstraat 83 2514JG Den Haag, The Netherlands;  
9 Raffles Place, #27-00 Republic Plaza, Singapore 048619

Supplier phone number Australia: +61 8 8245 6901  
New Zealand: 0800 772 227  
USA: 206 462 5212  
EU: +44 20 7193 7370  
Singapore: 800 616 3122

Supplier email enquiry@cafetto.com

For further information, please contact.

### 1.4. Emergency telephone number

Emergency Telephone No information available

#### Emergency Telephone §45 - (EC)1272/2008

Europe	112
Australia	000

<b>UNITED STATES</b>	911
<b>United Kingdom</b>	999
<b>Country</b>	<b>Emergency telephone number</b>
Australia	000

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Skin Corrosion/Irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Acute Aquatic Toxicity	Category 3 - (H402)

### 2.2. Label Elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]



#### Signal Word

**WARNING**

#### hazard statements

H319 - Causes serious eye irritation

H315 - Causes skin irritation

H402 - Harmful to aquatic life

#### 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 skin thoroughly after handling

P280 - Wear eye protection/ 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

P362 + P364 - Take off contaminated clothing and wash it before reuse

### 2.3. Other Hazards

No information available



### 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]	REACH Reg. No
Alcohols (C12-14) ethoxylated	-	68439-50-9	1-10%	Eye Irrit. 2 (H319) Aquatic Acute 1 (H400)	no data available
Benzyltrimethylammonium chloride	205-573-9	139-07-1	1-10%	no data available	no data available

#### 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>INHALATION</b>	Remove to fresh air.
<b>Skin Contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>INGESTION</b>	Clean mouth with water and drink afterwards plenty of water.

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

<b>Symptoms</b>	No information available.
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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.
<b>Large fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable Extinguishing Media</b>	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** Ensure adequate ventilation.

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

### **6.2. Environmental precautions**

**Environmental Precautions** Should not be released into the environment. See section 12 for additional ecological information.

### **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** Take up mechanically, placing in appropriate containers for disposal.

### **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** Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage conditions** Keep container tightly closed in a dry and 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** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

### 8.2. Exposure controls

#### Personal Protective Equipment

**Eye/Face Protection** Tight sealing safety goggles.

**Skin and Body Protection** Wear suitable protective clothing.

**Environmental Exposure Controls** No information available.

## Section 9: Physical and chemical properties

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

<b>Physical State</b>	liquid
<b>appearance</b>	colorless
<b>Odor</b>	characteristic
<b>color</b>	No information available
<b>odor threshold</b>	Not Applicable

<u>Property</u>	<u>VALUES</u>	<u>Remarks</u> <u>Method</u>
pH	11	None known
<b>Melting / Freezing Point</b>	no data available	None known
<b>Boiling Point / Boiling Range</b>	no data available	None known
<b>flash point</b>	no data available	None known
<b>evaporation rate</b>	no data available	None known
<b>flammability (solid, gas)</b>	no data available	None known
<b>Flammability limit in air</b>		None known
<b>Upper Flammability Limit</b>	no data available	
<b>Lower Flammability Limit</b>	no data available	
<b>vapor pressure</b>	no data available	None known
<b>Vapor Density</b>	no data available	None known
<b>Relative Density</b>	1.065	None known
<b>Water solubility</b>	Soluble in water	None known
<b>solubility(ies)</b>	no data available	None known
<b>Partition coefficient: n-octanol/water</b>	Not Applicable	None known
<b>Autoignition Temperature</b>	no data available	None known
<b>decomposition temperature</b>	no data available	None known
<b>Kinematic Viscosity</b>	no data available	None known
<b>viscosity</b>	no data available	None known

### 9.2. Other information

Softening point	No information available
molecular weight	No information available
VOC content (%)	No information available
Liquid Density	No information available
Bulk density	No information available
particle size	No information available
particle size distribution	No information available

## Section 10: Stability and reactivity

### 10.1. Reactivity

no data available.

### 10.2. Chemical stability

Stable under normal conditions.

#### Explosion data

Sensitivity to mechanical impact

None.

Sensitivity to static discharge

None.

### 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.

### 10.5. Incompatible materials

No information available.

### 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**

**INHALATION**

Specific test data for the substance or mixture is not available.

**Eye Contact**

Specific test data for the substance or mixture is not available.

**Skin Contact**

Specific test data for the substance or mixture is not available.



**INGESTION**

Specific test data for the substance or mixture is not available.

**Information on Toxicological Effects****Symptoms**

No information available.

**Numerical Measures of Toxicity****Acute toxicity****The following values are calculated based on chapter 3.1 of the GHS document****ATEmix (oral)** 28,743 mg/kg**Unknown Acute Toxicity**

13.33348 % of the mixture consists of ingredient(s) of unknown toxicity

11.94348 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

11.94348 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13.33348 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13.33348 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13.33348 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical Name	Oral LD50	dermal LD50	Inhalation LC50
Benzyltrimethylammonium chloride	= 400 mg/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin Corrosion/Irritation**

No information available.

**Serious eye damage/eye irritation**

No information available.

**respiratory or skin sensitization** No information available.**Germ Cell Mutagenicity**

No information available.

**carcinogenicity**

No information available.

**Reproductive toxicity**

No information available.

**STOT - Single Exposure**

No information available.

**STOT - Repeated Exposure**

No information available.

**Aspiration Hazard**

No information available.

**Section 12: Ecological information**

**12.1. Toxicity****ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Daphnia Magna (Water Flea)
Benzyltrimethylammonium chloride	-	-	EC50 = 1.43 mg/L 10 min EC50 = 1.62 mg/L 5 min	-

**12.2. Persistence and degradability**

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** No information available.

**12.4. Mobility in soil**

**Mobility in Soil** No information available.

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

**PBT and vPvB assessment** No information available.

Chemical Name	PBT and vPvB assessment
Alcohols (C12-14) ethoxylated	The substance is not PBT / vPvB PBT assessment does not apply

**12.6. Other adverse effects**

**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** No information available.

## Section 14: Transport information

**IMDG/IMO**

**14.1 UN-No**

NOT REGULATED

**14.2 Proper shipping name**

NOT REGULATED

NOT REGULATED



<b>14.3 Hazard class</b>	NOT REGULATED
<b>14.4 Packing group</b>	NOT REGULATED
<b>14.5 Marine pollutant</b>	Not Applicable
<b>14.6 Special provisions</b>	None
<b>14.7 Transport in Bulk</b>	No information available

**According to Annex II of  
MARPOL and the IBC CODE**

<b>RID</b>	NOT REGULATED
<b>14.1 UN-No</b>	NOT REGULATED
<b>14.2 Proper shipping name</b>	NOT REGULATED
<b>14.3 Hazard class</b>	NOT REGULATED
<b>14.4 Packing group</b>	NOT REGULATED
<b>14.5 Environmental Hazard</b>	Not Applicable
<b>14.6 Special provisions</b>	None

<b>ADR</b>	NOT REGULATED
<b>14.1 UN-No</b>	NOT REGULATED
<b>14.2 Proper shipping name</b>	NOT REGULATED
<b>14.3 Hazard class</b>	NOT REGULATED
<b>14.4 Packing group</b>	NOT REGULATED
<b>14.5 Environmental Hazard</b>	Not Applicable
<b>14.6 Special provisions</b>	None

<b>IATA</b>	NOT REGULATED
<b>14.1 UN-No</b>	NOT REGULATED
<b>14.2 Proper shipping name</b>	NOT REGULATED
<b>14.3 Hazard class</b>	NOT REGULATED
<b>14.4 Packing group</b>	NOT REGULATED
<b>14.5 Environmental Hazard</b>	Not Applicable
<b>14.6 Special provisions</b>	None

## Section 15: Regulatory information

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

Chemical Name	French RG number	Title
Benzyltrimethyldecylammonium chloride 139-07-1	RG 66	-

#### 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.

**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

**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 sections 2 and 3**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H400 - Very toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects

**Legend**

SVHC: Substances of Very High Concern for Authorization:

**SECTION 8: Exposure controls/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**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

**Issuing Date** 23-Apr-2018

**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**

