

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

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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 Coglin 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

UNITED STATES	911
United Kingdom	999
Country	Emergency telephone number
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

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

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

Symptoms	No information available.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	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 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

Physical State	liquid
appearance	colorless
Odor	characteristic
color	No information available
odor threshold	Not Applicable

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

9.2. Other information



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



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

According to Annex II of MARPOL and the IBC CODE

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

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

IATA	NOT REGULATED
14.1 UN-No	NOT REGULATED
14.2 Proper shipping name	NON REGULATED
14.3 Hazard class	NOT REGULATED
14.4 Packing group	NOT REGULATED
14.5 Environmental Hazard	Not Applicable
14.6 Special provisions	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
Benzyltrimethylammonium 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 datawww.ChemADVISOR.com/

Issuing Date	23-Apr-2018
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This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006.

Disclaimer

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End of Safety Data Sheet

