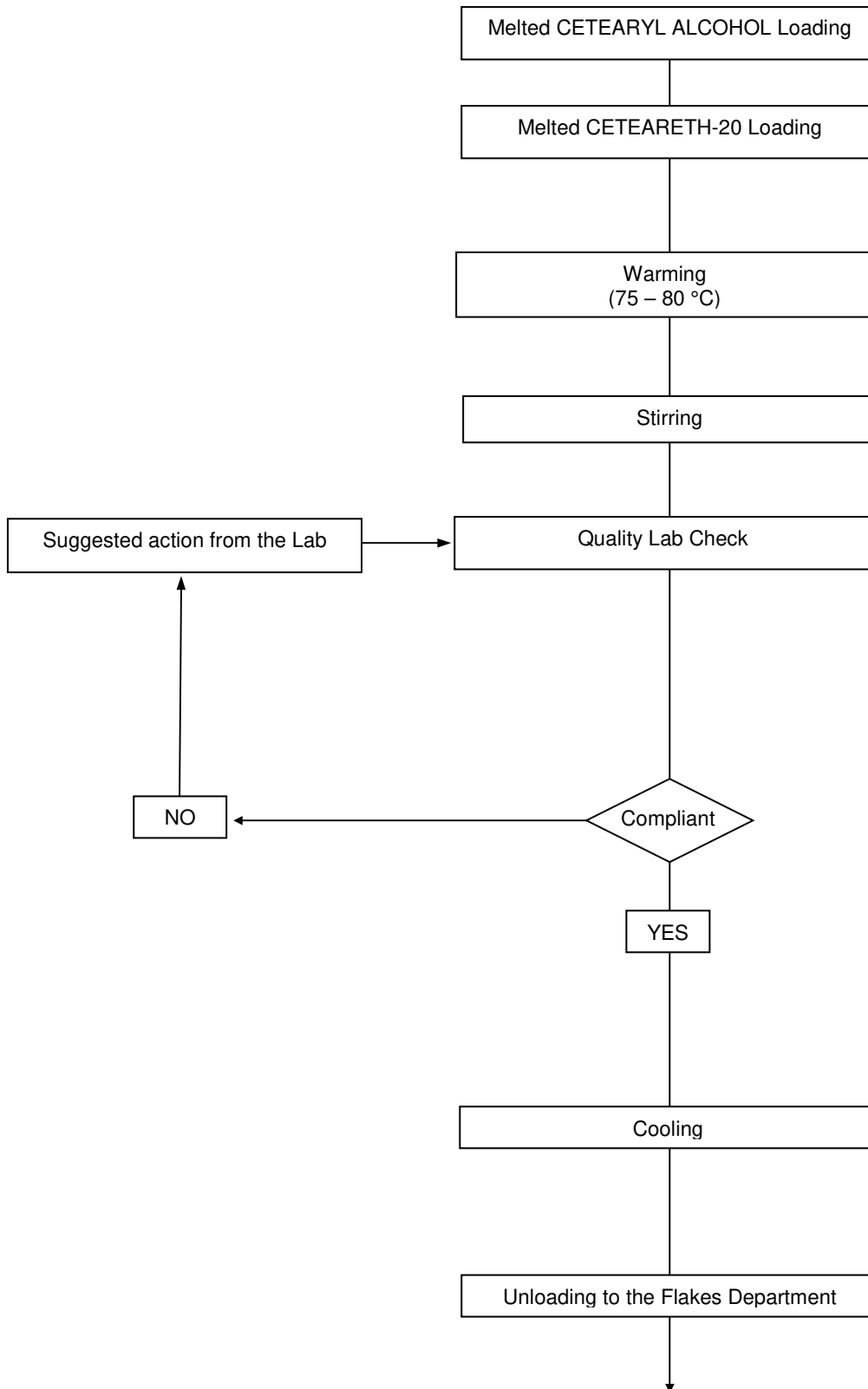


EMULSIFYING WAX CETEARYL ALCOHOL - FLOW CHART





CERTIFICATE

Product Information

Allergens

Product Name: Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20

**Allergenic Fragrance Ingredients Listed in the EU Cosmetic Directives
(Directives 2003/15/EC, 2002/34/EC, & 2003/16/EC)**

Having reviewed the composition of the aforementioned product supplied by Naturally Balmy Ltd we can find no information to indicate that it contains any of the 29 allergens listed in the above EU Directives. They are not added as deliberate Ingredients or as ingredients in the raw materials used in their manufacture.

10/04/2018



Product Information

GMO Certificate

Trade name: Emulsifying Wax Cetearyl Alcohol/ Cetareth 20

We, Naturally Balmy Ltd, hereby declare that the above mentioned material does not contain, to the best of our knowledge at this specified date, any ingredients from GM sources.

Issue Date: 01/01/2021



INCI Declaration

Product Information

Product Name: Emulsifying Wax Cetearyl Alcohol/ Cetareth 20

INCI Name	Composition (% w/w)	CAS No.	EINICS No.
Cetearyl Alcohol	≥ 50	67762-27-0	267-008-6
Cetareth-20	$\geq 10 \leq 25$	68439-49-6	Polymer

20/08/18



SAFETY DATA SHEET

Date of Issue: 17/12/2020

Issue: 4

Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product name: Emulsifying Wax (Cetearyl Alcohol Cetareth 20)
CAS number: 8005-44-5 (and) 68439-49-6
EINECS number: 267-008-6 (and) Polymer
INCI Name: Cetearyl Alcohol (and) Cetareth-20

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

Use of substance / mixture: Emulsifier

1.3. Details of the supplier of the safety data sheet

Supplier Name: Naturally Balmy Ltd
Supplier Address: 8 Benson Road
Nuffield Industrial Estate
Poole
BH17 0GB
United Kingdom
Supplier Telephone: +44 (0)1202 567046
Email: sales@naturallybalmy.co.uk


1.4. Emergency telephone number

Telephone: +44 (0)1202 567046 (office hours only)

Section 2: Hazards Identification

2.1. Classification of the substance or mixture


Properties / Symbols:

 Xi Irritant

R Phrases:

R41 Risk of serious damage to eyes.

EC regulation criteria 1272/2008 (CLP)

 Danger, Eye Dam. 1, causes serious eye damage.

Adverse physicochemical, human health and environmental effects:
No other hazards

Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

2.2. Label elements

Danger Hazard statements:



H318 Causes serious eye damage.

Precautionary statements: P280 Wear protective gloves/protective clothing/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.

P310 Immediately call a POISON CENTER or doctor/physician.

Special Provisions: None



Xi

Symbols:

Xi Irritant 

R Phrases: R41 Risk of serious damage to eyes.

S Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: Mixture

3.2. Mixtures

Emulsifying Wax (Cetearyl Alcohol Ceteareth 20)



Ceteareth -20 : 20% - 25%
CAS: 68439-49-6
Xn, Xi; R38-41
3.1/4/Oral acute Tox. 4 H302
3.3/1 Eye Dam. 1 H318

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical advice if irritation occurs after washing.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures



SAFETY DATA SHEET

Date of Issue: 17/12/2020

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Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Contain the spillage using bunding. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.
Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Protective gloves.
Eye protection: Safety goggles.



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Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

Skin protection: Protective clothing with elasticated cuffs and closed neck.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Waxy flakes
Colour: White to cream-coloured
Odour: Characteristic
Solubility in water: Dispersible in water
Soluble in: -
Melting Point: Approx 50°C
Relative Density: Approx 0.90
Flash Point: -

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Avoid open flames

10.5. Incompatible materials

Incompatible materials: Concentrated nitric acid or sulphuric acid, strong oxidising agents

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects



SAFETY DATA SHEET

Date of Issue: 17/12/2020

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Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

Toxicity values:

Route	Species	Test	Value	Units
ORL	RAT	LD50	>2000	mg/kg

Symptoms / routes of exposure

- Skin contact:** There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability: Biodegradable

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility: Dispersible in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

- Disposal operations:** Must be disposed of in accordance with local and national regulations.
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information



SAFETY DATA SHEET

Date of Issue: 17/12/2020

Issue: 4

Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

14.1. UN number

UN number: Not classified for transport

14.2. UN proper shipping name

UN proper shipping name: Not applicable.

14.3. Transport hazard class(es)

Transport hazard class: Not applicable.

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

Environmental hazards: Not classified as environmentally hazardous according to UN Model Regulations (IMDG, ADR, RID and ADN)

14.6. Special precautions for user

Disposal operations: Must be disposed of in accordance with local and national regulations.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Transport in bulk: Product will not be transported in bulk

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Full text of phrases referred to in Section 3:



SAFETY DATA SHEET

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Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

R22 Harmful if swallowed.
R41 Risk of serious eye damage.

H302 Harmful if swallowed
H318 Causes serious eye damage.

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



TECHNICAL DATA SHEET

Date of Issue: 17/12/2020

Issue: 6

Emulsifying Wax (Cetearyl Alcohol Ceteareth 20)

INCI Name: Cetearyl Alcohol and Ceteareth-20
Cas No: 67762-27-0 and 68439-49-6
Synonyms: Nonionic Emulsifying Wax

Emulsifying Wax (Cetearyl Alcohol Ceteareth 20) is a blend of selected fatty alcohols and ceteareth-20. It is a white to cream coloured waxy, solid with a very faint characteristic odour. The product is a general purpose, self-bodying, emulsifying wax which can produce oil in water emulsions with good stability. It can provide simple, economical emulsions without the need for additional emulsifiers.

Raw material basis

Vegetable (coconut/palm kernel/palm oil)
Petrochemical (ethylene oxide)

Specification

Appearance	White to cream coloured, waxy flakes
Water (%)	1.0 maximum
Acid Value (mg KOH/g)	0.5 maximum
Alkalinity (mg KOH/g)	0.5 maximum
Hydroxyl Value (mg KOH/g)	170 – 185
Saponification Value (mg KOH/g)	1.0 maximum
pH (1% aqueous solution)	6.0 – 8.0

Additional Data

INCI % Breakdown: Cetearyl Alcohol >50%
Ceteareth 20 >10% <25%

Dropping Point: 48-53°C

Other Information

Allergens None of 26 allergens listed in 1223/2009 Regulation has been added to above mentioned product



TECHNICAL DATA SHEET

Date of Issue: 17/12/2020

Issue: 6

Animal tests The product has never been tested by Naturally Balmy Ltd or our suppliers on animals nor commissioned by Naturally Balmy Ltd to test this product on animals.

Antioxidants Not present

BSE Free

CMR Free

Ethanol Free

Ethylenglycol Free

GMO Free

Heavy metals Meets the legal requirement Max 10 ppm

Lactose, Latex & Gluten Free

Nano material Free

Pesticides Based on our actual knowledge we do not expect pesticides to be present

Phthalates Based on our actual knowledge we do not expect phthalates to be present

Polycyclic aromatic hydrocarbons Based on our actual knowledge we do not expect polycyclic aromatic hydrocarbons to be present

Preservatives Not present

Solvents Not present

SVHC Not present

Other impurities Dioxane Max 5 ppm / Ethylene oxide Max 1 ppm

Storage / Shelf life

Storage / Shelf Life

Storage temperature

0 - +30 °C, in original sealed packing and protect from moisture

Shelf life

24 months



Vegan Declaration

Product Information

Product Name: Emulsifying Wax (Cetearyl Alcohol Cetareth 20)

We, hereby declare that the above-mentioned material has not been tested on animals, does not contain dairy or any other animal product or derivative, and is therefore suitable for Vegetarian and Vegan use.

This is an electronically generated document and is valid without a signature

1st January 2021