

MYSTIC MOMENTS

Certificate of Analysis

Product: Emulsifying Wax Peg-20

Batch Number: 4562205

Best Before Date: November 2027

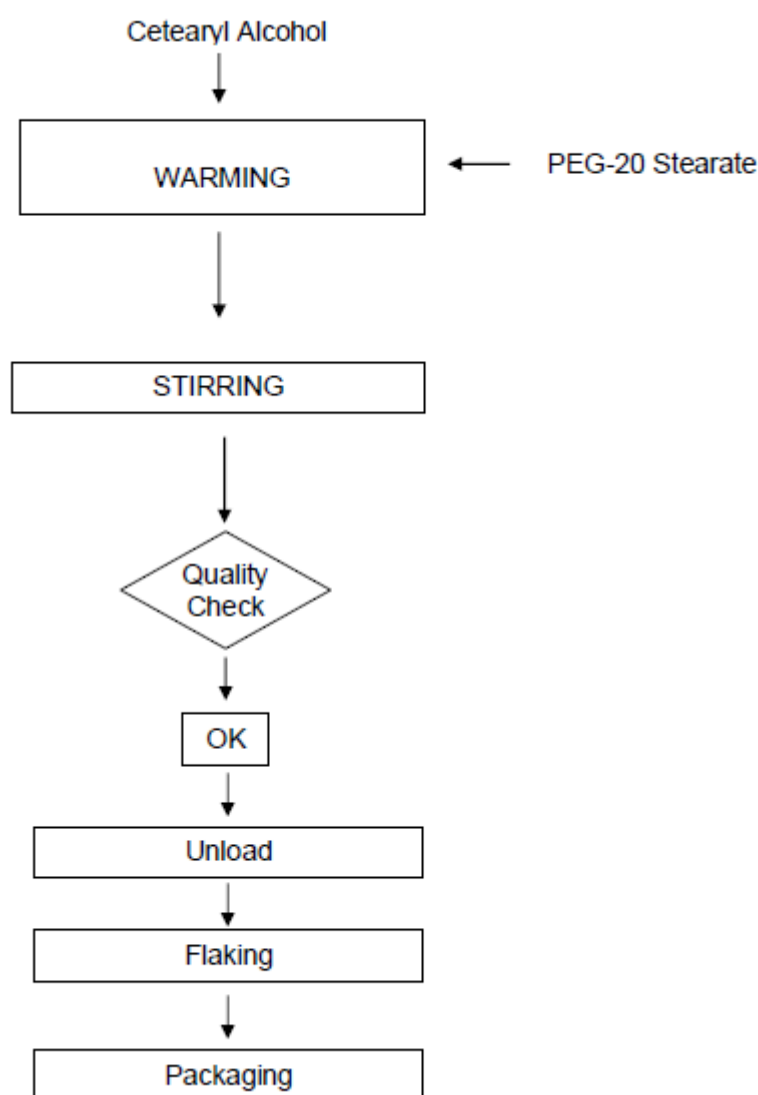
Test Method	Test	Analysis	Specification
Visual	Appearance	Complies	White to pale cream
ICP 004	Acid Value, mgKOH/gr	0.27	2 maximum
ICP006	Hydroxyl Value	183.4	177 - 193
ICP 007	Saponification Value, mgKOH/gr	12.70	7.5 - 15
ICP 008	PH %	6.42	5.5 - 7.5

Authorised signatory: This is an electronically generated document and is valid without a signature

MYSTIC MOMENTS

Product Information – Manufacturing Flow

Product Name: Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate



This declaration is made to the best of our knowledge based on information received from the raw material manufacturer.

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11/09/2024

19-20 Sandealth Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk
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Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate

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

1.1. Product Identifier

Product name: Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate
CAS number: 67762-27-0 and 9004-99-3
EINECS number: 267-008-6 and Polymer
INCI Name: Cetearyl Alcohol (and) PEG-20 Stearate

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

Use of substance / mixture: Self emulsifying Wax.

1.3. Details of the supplier of the safety data sheet

Supplier Name: Madar Corporation Limited
Supplier Address: 19 - 20 Sandleheath Industrial Estate
Fordingbridge
SP6 1PA

Supplier Telephone: +44 (0)1425 655 555
Email: technical@madarcorporation.co.uk

1.4. Emergency telephone number

Telephone: +44 (0)1425 655 555 (office hours only)

Section 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification under CLP: Not classified for supply

2.2. Label elements

Label Elements under CLP: This product has no label elements under CLP as it is not classified

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Section 3: Composition/information on ingredients

3.2. Mixtures

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate**Chemical identity:** Cetearyl Alcohol (and) PEG-20 Stearate**Section 4: First aid measures****4.1. Description of first aid measures**

Skin contact: Wash the affected area with copious amounts of water and soap.
Eye contact: Immediately flush the eye with water for at least ten minutes. Seek medical attention should irritation occur and persist..
Ingestion: Do not induce vomiting. Seek medical attention immediately.
Inhalation: Remove from exposure, keep warm and at rest. Seek medical attention.

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

In some cases of exposure, the following symptoms may be observed:

Skin contact: Not applicable
Eye contact: Not applicable
Ingestion: Not applicable
Inhalation: Not applicable

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

Skin contact: Not applicable
Eye contact: Not applicable
Ingestion: Not applicable
Inhalation: Not applicable

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media: Water, Carbon dioxide
Unsuitable extinguishing media: None in particular

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Do not inhale explosion and combustion gases. Burning produces heavy smoke.

5.3. Advice for fire-fighters

Advice for fire-fighters: Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

Section 6: Accidental release measures

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Wear personal protection equipment. Remove persons to safety. Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose of it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: Absorbing material, organic, sand.
Method for cleaning up: Wash with plenty of water

6.4. Reference to other sections

See also section 8 and section 13

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)

Not applicable

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Not needed for normal use
Hand protection:	No special precaution must be adopted for normal use.
Eye protection:	No special precaution required for normal use. Always operate according to good working practices.
Skin protection:	Protective clothing.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State:	Flakes
Colour:	White
Odour:	Characteristic
Solubility in water:	Soluble
Melting Point:	Approx 50°C
Boiling Point:	> 250°C
Flammability:	Not applicable
Lower and upper explosion limit:	Not applicable
Flash point:	> 125°C
Auto-ignition temperature:	Not applicable
Decomposition temperature:	> 200°C
pH:	5.5 – 7.5 (5% sol.)
Kinematic Viscosity:	Not applicable
Solubility in water:	Dispersible
Solubility in oil:	Not available
Partition coefficient n-octanol/water (log value):	Not applicable
Vapour pressure:	Not applicable
Relative Density:	Not available
Relative vapour density:	Not applicable
Particle size:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable

9.2. Other information

Not applicable

Section 10: Stability and reactivity**10.1. Reactivity**

Stable under normal conditions

10.2. Chemical stability**Chemical stability:** Stable under normal conditions.

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate**10.3. Possibility of hazardous reactions**

Not applicable

10.4. Conditions to avoid**Conditions to avoid:** Stable under normal conditions**10.5. Incompatible materials****Incompatible materials:** Avoid contact with strong oxidising agents**10.6. Hazardous decomposition products****Haz. decomp. products:** May generate irritant/toxic mists/gases**Section 11: Toxicological information****11.1. Information on toxicological effects****Toxicity values:** Not classified**11.2. Information on other hazards**

Not applicable

Section 12: Ecological information**12.1. Toxicity**

Not classified for environmental hazards.

12.2. Persistence and degradability**Persistence and degradability:** Not persistent. Readily biodegradable – Test Method OECD 301/F – Duration: 28d – 60%**12.3. Bioaccumulative potential**

Not applicable

12.4. Mobility in soil**Mobility in soil:** Not applicable

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate**12.5. Results of PBT and vPvB assessment**

PBT/ vPvB identification: This substance is not identified as a PBT or vPvB substance.

12.6. Endocrine disrupting properties

Not endocrine disruptor substances present in concentration $\geq 0.1\%$

12.7. Other adverse effects

None known

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**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 applicable

14.6. Special precautions for user

Special precautions: Not applicable

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

Transport in bulk: Not applicable

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not applicable

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**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2020/878

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.

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate

INCI Name: Cetearyl Alcohol and PEG-20 Stearate
Cas No: 67762-27-0 and 9004-99-3
Synonyms: Emulsifying Wax

Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate MB is a blend of selected fatty alcohols and polyethylene glycol esters. The product forms stable, non-ionic emulsions that are compatible with a wide range of additives such as emollients. It is tolerant of pH and dissolved electrolytes and finds use as the main emulsifying system in cosmetics and toiletries such as creams, skin lotions and cleansing lotions.

The individual components of Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate are recognised as safe for skin use and there is no history of adverse reaction.

Raw material basis

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

Specification

Appearance	Cream coloured, waxy solid
Acid Value (mgKOH/g)	2.0 maximum
Hydroxyl Value (mg KOH/g)	177 – 193
Saponification Value (mg KOH/g)	7.5 – 15.0
pH (5% solution)	5.5 – 7.5

Additional Data

Iodine value	2,0 Max gI2/100gr
Dropping point	47 – 51 °C

Other Information

Allergens None of the allergens listed in 1223/2009 Regulation has been added

Animal tests The product has never been tested on animals nor commissioned to test this product on animals.

Antioxidants Not present

BSE/TSE Free

CMR The product contains CMR substances, categories 1 A, 1 B or 2 as defined in Regulation (EC) N°1272/2008 part 3, Annex VI and in Cosmetic Regulation (EC) N° 1223/2009:

Ethylene Oxide < 1 ppm 1,4 Dioxane < 10 ppm

Technically unavoidable CMR impurities resulting from the qualified manufacturing process (alkoxylation)

Ethanol Free

GMO Free

Heavy metals Meets the legal requirement Max 10 ppm

Lactose, Latex & Gluten Free

Nano material The product is free from Nano material as defined in Art. 2 (K) and Art. 16 of Cosmetic Regulation (EC) N° 1223/2009

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

Treatment with ionising radiation Has not been treated

Storage / Shelf Life

Storage temperature

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

MYSTIC MOMENTS

Product Information – Vegan

Product Name: Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate

We, hereby confirm that the manufacture and development of **Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate** does not and has not involved the use of any animal product, by-product or derivative. Our manufacturer strives diligently to minimize cross-contamination from animal substances used in other (non-vegan) products as far as is reasonably practicable.

To the best knowledge the product **Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate** is not known to contain genetically modified organisms (GMOs) that include animal genes.

Therefore, we believe that **Emulsifying Wax - Cetearyl Alcohol / PEG-20 Stearate** supplied by us is suitable for use by vegans.

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15/02/2024