

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Commercial Name: VEGETAL EMULSIFIER NATURAL
INCI Name: CETEARYL GLUCOSIDE AND CETEARYL ALCOHOL
CAS No: 54549-27-8, 67762-27-0, 27836-65-3
EINECS No:
REACH Reg No: 01-2119968253-33-0000, 01-2119968253-33-0001
FEMA:
Chemical Name: D-Glucose, reaction products with alcohols C16-18 (even numbered) (excess)
Cetyl stearyl polyglucoside
Origin: Germany/France

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

Identified use (s): Natural self-emulsifying cream base for manufacturing purposes.

1.3 Details of the supplier of the safety data sheet

Company Name: BAY HOUSE INGREDIENTS
Contact: JOHN BLACK
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)
EU DSD Classification according to Directive 67/548/EEC (Hazardous substances) and its adaptations.

Classified as **NON-HAZARDOUS** according to criteria of EC GHS and EU DSD

2.2 Label elements

Symbols: NONE

Signal word: NONE

3. COMPOSITION/INFORMATION ON CONSTITUENTS

3.1 Nature Of Product CETEARYL GLUCOSIDE AND CETEARYL ALCOHOL

Emulgade® PL 68/50 is a very mild cream base with the same lamellar structure found in the skin's lipids. Based on Alkyl Polyglucoside (APG) derived from 100% natural and renewable feedstock .

3.2 Constituents

CONSTITUENT	CAS NUMBER	EINECS NUMBER	TARGET (WT%)
Hexadecyl D-glucoside } Octadecyl D-glucoside } (Cetearyl glucoside)	54549-27-8 27836-65-3	259-220-2 248-686-2	40 - 60%
Alcohols, C16-18 - (Cetearyl alcohol)	67762-27-0	267-008-6	40 - 60%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Ingestion:	Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
Inhalation:	Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
Eye contact:	Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
Skin contact:	Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

<u>5.1 Extinguisher</u>	Use CO2, Foam or Powder extinguishers only. DO NOT USE WATER JETS.
<u>5.2 Special hazards</u>	Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

<u>6.1 Personal Safety Precautions</u>	Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses. (Consult sections 7 & 8 for additional information)
<u>6.2 Environmental Safety Precautions</u>	Eliminate all sources of ignition. Prevent any material entering drains or waterways
<u>6.2 Methods and materials for containment and clean up</u>	Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.) Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

<u>7.1 Handling Precautions</u>	Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
<u>7.2 Storage Precautions</u>	Product is stable at room temperature. Keep away from sources of ignition. Store in tightly sealed containers, in a cool dry place away from direct sunlight. Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments:	No exposure limits known
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8.2 Exposure controls

Respiratory Protection:	Ensure adequate ventilation. If ventilation is insufficient use approved respirators.
Skin/Hand Protection:	Wear personal protective equipment. Use chemical resistant safety gloves. Polyvinyl alcohol or nitrile rubber gloves are recommended.
Eye/Face Protection:	Wear safety glasses/visors. Ensure eye washes are available.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Waxy pastilles
Colour:	Ivory to light yellow
Odour:	Characteristic odour
Odour threshold:	No information available
pH:	No information available
Melting point:	60 - 70°C
Initial boiling point and range:	No information available
Flash point:	186°C
Evaporation rate:	The product is a non-volatile solid.
Evaporation factor:	No information available
Flammability (solid, gas):	Not flammable
Upper flammability or explosive limits:	No information available
Lower flammability or explosive limits:	No information available
Other flammability:	No information available
Vapour pressure:	<= 0.042 Pa
Vapour density@ 20°C:	No information available
Relative density@ 20°C:	No information available
Bulk density:	No information available
Solubility(ies):	Insoluble
Partition coefficient:	n-octanol/water (log Kow): 6.03 - 7.72 (calculated)
Auto-ignition temperature:	Temperature: 263 °C Pressure: 1,013 hPa (Method: Directive 92/69/EEC, A.16)
Decomposition Temperature:	No information available
Viscosity:	No information available
Explosive properties:	No information available
Explosive under influence of a flame:	No information available
Oxidising properties:	No information available

9.2. Other information

Bulk density:	1.027 g/cm ³ (20 °C)
Fatty alcohol:	45 - 50%
Hydroxyl number:	380 - 430 mg KOH/g

10. STABILITY AND REACTIVITY

10.1. Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous reactions	Will not polymerise.
10.4. Conditions to avoid	Keep away from any source of ignition.
10.5. Incompatible materials	Substances to avoid: No substances known that should be avoided.
10.6. Hazardous decomposition products	Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Oral LD50: >5.0g/Kg

This product is NOT intended for oral use.

Dermal LD50: >2.0g/Kg

LD50 dosage levels are only a guideline obtained from historical data, Bay House Ingredients does not test its products on animals.

Skin corrosion/irritation: Not irritating to the skin. Not irritating to the eyes.

Serious eye damage/irritation: Slightly irritating.

Respiratory sensitisation: Non-sensitizing.

Skin sensitisation: Non-sensitizing.

Germ cell mutagenicity: No indication that the substance is mutagenic.

Carcinogenicity: No indication of a carcinogenic effect.

11.2 Information on other hazards

Endocrine disrupting properties : No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Assessment of aquatic toxicity:

No toxic effects occur within the range of solubility. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Toxicity to fish:

LC50 > 100 mg/l, Brachydanio rerio (DIN EN ISO 7346-2)

Aquatic invertebrates:

EC50 (48 h) > 100 mg/l, Daphnia magna (DIN 38412 Part 11, static)

The details of the toxic effect relate to the nominal concentration. No toxic effects occur within the range of solubility.

Aquatic plants:

EC50 (96 h) 10 - 100 mg/l (growth rate), Desmodium subspicatus (Growth Inhibition Test, static)

The details of the toxic effect relate to the nominal concentration. No toxic effects occur within the range of solubility.

Microorganisms/Effect on activated sludge:

EC0 > 100 mg/l, Pseudomonas putida (DIN 38412 Part 27 (draft))

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

Does not fulfil criteria

12.6 Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not pour into drains or waterways.

Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

Comply with local and national regulations for waste disposal. Empty containers should be washed thoroughly with detergent

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS

15. REGULATORY INFORMATION

Product Classification: CETEARYL GLUCOSIDE AND CETEARYL ALCOHOL

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NON- HAZARDOUS

Safety Precautions: Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.