

SAFETY DATA SHEET

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 2020/878.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:
Trade Name (as labeled):

FEDERICI BRANDS: COLOR WOW Curls Shampoo

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product use:	Hair care
Restrictions on use:	None Identified

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier Name:	FBRP Limited
Manufacturer/Supplier Address:	9/10 Fenian Street Dublin 2 D02 RX24 Ireland

-United Kingdom (UK)–	
Manufacturer/Supplier Name:	Federici Brands Ltd.
Manufacturer/Supplier Address:	22 Chancery Lane London CW2A 1LS United Kingdom

-United States (US) -	
Manufacturer/Supplier Name:	Federici Brands LLC
Manufacturer/Supplier Address:	195 Danbury Road, Davenport Building, Suite 300 Wilton, CT 06897

Manufacturer/Supplier Telephone Number:

EU - +44 (0) 207 313 2360
US - (203) 762-7667

Email address:

1.4 Emergency Telephone Number: **EU** -
US - (844) 495-5969

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

Classification:		
Physical	Environmental	Health
Not Hazardous	Hazardous to the Aquatic Environment – Chronic Hazard Category 3 (H412)	Eye Damage Category 1 (H318)

2.2 Label Elements:

Danger!



Contains: Fatty acids, C12-18, Me esters sulfonated, Sodium salts and Sodium Lauryl Sulfoacetate

Statements of Hazard

H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Phrases

P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear eye 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.
P501 Dispose of contents and container in accordance with local and national regulations

2.3 Other Hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture:

Hazardous Components	C.A.S. #	EINECS # / REACH Registration #	Classification	WT %
Fatty acids, C12-18, Me esters sulfonated, Sodium salts	149458-07-1	604-693-6 /	Skin Irrit. 2 (H315) Eye Dam 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)	1-5
Cocamidopropyl Hydroxysultaine	68139-30-0	268-761-3 /	Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	1-5
Fatty acids, coco, 2-sulfoethyl esters, sodium salts	61789-32-0	263-052-5 /	Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)	1-5
Sodium Methyl Cocoyl Taurate	61791-42-2	263-174-9 /	Eye Irrit. 2 (H319)	<3
Sodium Lauryl Sulfoacetate	1847-58-1	217-431-7 /	Acute Tox. 4 (H302) LD50: 700 mg/kg Eye Dam 1 (H318) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412)	<2
Sodium Lauroamphoacetate	68608-66-2	271-794-6 /	Eye Irrit. 2 (H319) (at $\geq 16\%$) Aquatic Chronic 3 (H412)	<2

Phenoxyethanol	122-99-6	204-589-7 /	Acute Tox. 4 (H302) LD50: 1840 mg/kg Eye Irrit. 2 (H319)	<2
PPG-2 Hydroxyethyl cocoamide	201363-52-2	432-290-3	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	<1
1,3,4,6,7,8-Hexahydro- 4,6,6,7,8,8- hexamethylcyclopenta-gamma- 2-benzopyran	1222-05-5	214-946-9	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	<1

Refer to Section 16 for the full text of the GHS Classifications.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: Flush the eyes with large amounts of water for 20 minutes while holding the eyelids open to assure that the entire surface is flushed. Get immediate medical attention.

Skin Contact: Product is intended to contact hair, and no first aid should be needed. If irritation develops, discontinue use, wash skin with water. Get medical attention if irritation persists.

Inhalation: None needed under normal use conditions. If irritation develops, move to fresh air. Get medical attention if irritation persists.

Ingestion: If large amounts are swallowed, seek medical advice.

4.2 Most Important Symptoms and Effects, both Acute and Delayed:

Direct eye contact causes severe eye irritation with pain, tearing, and possible damage. Inhalation may cause mild respiratory irritation.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention may be required for direct eye contact.

5. FIRE FIGHTING MEASURES

5.1 Suitable and unsuitable Extinguishing Media: Use any media appropriate for the surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture: None known. This product is not classified as flammable or combustible. Thermal decomposition releases oxides of carbon.

5.3 Advice for Firefighters: Do not attempt to take action without suitable protective equipment. Wear self-contained breathing apparatus and complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures: Keep unnecessary personnel away. Ventilate the area. Do not touch or walk through spilled material. Wear personal protection as prescribed in Section 8.

6.2 Environmental Precautions: Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

6.3 Methods and materials for containment / clean up: Stop flow of material if this is without risk. Dike the spilled material, where this is possible. Prevent further leakage or spillage if safe to do so. Do

not release into the environment.

Large spills: Dike far ahead of liquid spill for later disposal. Soak up with inert material and place in suitable containers for disposal.

Small spills: Wipe up with absorbent material and place in suitable for disposal.

6.4 Reference to Other Sections: Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid contact with the eyes. Use in accordance with package instructions.

7.2 Conditions for safe storage, including any incompatibilities: Follow storage instructions on the product label.

7.3 Specific End Use (s): Hair care product

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits:

Component	Exposure Limits
Fatty acids, C12-18, Me esters sulfonated, Sodium salts	None established
Cocamidopropyl Hydroxysultaine	None established
Fatty acids, coco, 2-sulfoethyl esters, sodium salts	None established
Sodium Methyl Cocoyl Taurate	None established
Sodium Lauryl Sulfoacetate	None established
Sodium Lauroamphoacetate	None established
Phenoxyethanol	1 mg/m ³ TWA German MAK (inhalable) 1 mg/m ³ STEL German MAK (inhalable)
PPG-2 Hydroxyethyl cocoamide	None established
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	None established

Biological Exposure Limits: None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: General room ventilation sufficient to minimize exposure.

Individual Protection Measures (PPE):

Respiratory protection: None under normal use conditions.

Hand protection: None required under normal use conditions.

Applicable for industrial settings only: Protective gloves.

Eye Protection: None required under normal use conditions.

Applicable for industrial settings only: Wear chemical goggles.

Skin and body protection:

None required under normal use conditions.

Applicable for industrial settings only: Use personal protective equipment as required.

Hygiene measures: Avoid contact with eyes. Handle in accordance with good industrial hygiene and

safety. Use proper protective equipment when involved with bulk processing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Properties:

Appearance:	Clear, moderately viscous lotion.
Color:	Pale yellow
Physical State:	Liquid
Odor:	Characteristic
Melting/Freezing Point:	Not determined
Boiling Point / Range:	Not determined
Vapor Pressure:	Not determined
Relative Vapor Pressure @20°C:	Not determined
Solubility:	Soluble in water
Partition Coefficient (n-octanol/water):	Not determined
pH:	5.5-5.7
Relative Density:	1.01 – 1.03
Particle Characteristics:	Not applicable
Kinematic Viscosity:	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Flash Point:	Not applicable
Flammability:	Not applicable
Flammability Limits:	
LEL:	Not applicable
UEL:	Not applicable

9.2.1 Properties, Safety Characteristics and Test Results for Physical Hazards: None determined

9.2.2 Other Safety Characteristics: None determined

10. STABILITY AND REACTIVITY

10.1 Reactivity: Non-reactive

10.2 Chemical Stability: Stable.

10.3 Possibility of Hazardous Reactions: Will not occur.

10.4 Conditions to Avoid: None

10.5 Incompatible Materials: Strong oxidizing agents.

10.6 Hazardous Decomposition Products: Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

POTENTIAL HEALTH EFFECTS:

Inhalation: Inhalation of mists may cause mild respiratory irritation.

Skin Contact: This product is intended for use on hair. No adverse effects are expected. However, it contains some components that may cause an allergic skin reaction in sensitized individuals.

Eye Contact: Causes severe irritation with pain, tearing, and possible damage.

Ingestion: Swallowing may cause gastrointestinal disturbances.

Acute Toxicity Data: Based on available data, the classification criteria are not met.

Product ATE: LD50 Oral >2000 mg/kg; LD50 Dermal >2000 mg/kg

Fatty acids, C12-18, Me esters sulfonated, Sodium salts: LD50 Oral Rat >5,000 mg/kg

LD50 Dermal Rabbit >2,000 mg/kg

Cocamidopropyl Hydroxysultaine: LD50 Oral Rat 2,950 mg/kg

Fatty acids, coco, 2-sulfoethyl esters, sodium salts: LD50 Oral Rat >2,000 mg/kg

Sodium Methyl Cocoyl Taurate: LD50 Oral Rat >2,000 mg/kg, LD50 Dermal Rat >2,000 mg/kg

Sodium Lauryl Sulfoacetate: LD50 Oral Rat 700 mg/kg, LD50 Dermal Rabbit >2,000 mg/kg

Sodium Lauroamphoacetate: LD50 Oral Rat 3,422 mg/kg, LD50 Dermal Rat >2,000 mg/kg

Phenoxyethanol: LD50 Oral Rat 1,840 mg/kg; LD50 Dermal Rabbit >2,214 mg/kg

PPG-2 Hydroxyethyl cocoamide: LD50 Oral Rat >2,000 mg/kg, LD50 Dermal Rat >2,000 mg/kg

1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran:

LD50 Oral Rat >4,640 mg/kg, LD50 Dermal Rat >10,000 mg/kg.

Eye Irritation/ Damage: Causes severe eye irritation with pain, tearing, and possible damage.

Skin Irritation / Corrosivity: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met. None of the components of this product are listed as carcinogens by IARC or EU CLP.

Reproductive Toxicity Data: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity Single Exposure (STOT-SE):

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity Repeated Exposure (STOT-RE):

Based on available data, the classification criteria are not met.

Aspiration:

Based on available data, the classification criteria are not met.

11.2 Information on Other Hazards

11.2.1 Endocrine Disrupting Properties: None known

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity: Harmful to aquatic life with long lasting effects. Avoid release to the environment.

Fatty acids, C12-18, Me esters sulfonated, Sodium salts:

LC50: Fish 4.7 mg/L/96 hr.

EC50: Daphnia Magna: 6.25 mg/L/48 hr.

Cocamidopropyl Hydroxysultaine:

EC50: Daphnia Magna: 11 mg/L/48 hr.

EC50: Pseudokirchneriella subcapitata: 0.32 mg/L/72 hr.

Fatty acids, coco, 2-sulfoethyl esters, sodium salts:

LC50: Oncorhynchus mykiss (Rainbow trout) >25 mg/L/96 hr.

EC50: Daphnia Magna: > 32 mg/L/48 hr.

Sodium Methyl Cocoyl Taurate:

LC50 Danio rerio (Zebra Fish) 5.04 mg/L/96 hr.
EC50: Daphnia Magna: 4.6 mg/L/48 hr.

Sodium Lauryl Sulfoacetate:
LC50: Fish 4.2 mg/L/96 hr.
EC50: Daphnia Magna. 5.9 mg/L/48 hr.
EC50: Algae 1.9 mg/L/72 hr.

Sodium Lauroamphoacetate:
LC50 Cyprinus carpio (Carp): 28 mg/L/96 hr.
EC50: Daphnia Magna: >100 mg/L/48 hr.
EC50: Pseudokirchneriella subcapitata: 14.8 mg/L/96 hr.

Phenoxyethanol:
EC50 Pimephales promelas: 344 mg/L/96 hr
EC50: Daphnia Magna: >500 mg/L/48 hr.
EC50: Desmodesmus subspicatus >100 mg/L/72 hr.

PPG-2 Hydroxyethyl cocoamide:
LC50: Oncorhynchus mykiss (Rainbow trout) 5.2 mg/L/96 hr
EC50: Daphnia Magna: 2.2 mg/L/48 hr.
EC50: Selenastrum sp. 0.085 mg/L/72 hr.

1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran:
LC50: Lepomis macrochirus 1.36 mg/L/96 hr.
EC50: Daphnia Magna: 0.3 mg/L/48 hr.

12.2 Persistence and Degradability:

Fatty acids, C12-18, Me esters sulfonated, Sodium salts: Expected to be readily biodegradable.

Cocamidopropyl Hydroxysultaine: Readily biodegradable.

Fatty acids, coco, 2-sulfoethyl esters, sodium salts: Readily biodegradable.

Sodium Methyl Cocoyl Taurate: Readily biodegradable.

Sodium Lauryl Sulfoacetate: Readily biodegradable

Sodium Lauroamphoacetate: Readily biodegradable

Phenoxyethanol: Readily biodegradable.

PPG-2 Hydroxyethyl cocoamide: Readily biodegradable

1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran:
Not readily biodegradable.

12.3 Bio-accumulative Potential:

Fatty acids, coco, 2-sulfoethyl esters, sodium salts: Low potential to bio-accumulate.

Sodium Methyl Cocoyl Taurate: Low potential to bio-accumulate.

Sodium Lauroamphoacetate: Low potential to bio-accumulate.

12.4 Mobility in Soil:

No data for product.

12.5 Results of PBT and vPvB Assessment: Components do not meet the criteria for PBT or vPvB.

12.6 Endocrine disrupting Properties: None known.

12.7 Other Adverse Effects: None

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Disposal instructions:

For Consumer Use – Empty containers may be offered for recycling or discarded with household trash.

Applicable for industrial settings only: Dispose of product in accordance with all local, state, provincial, and federal regulations.

14. TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	N/A	Not regulated for transportation	N/A	N/A	N/A
ADR/RID	N/A	Not regulated for transportation	N/A	N/A	N/A
IMDG	N/A	Not regulated for transportation	N/A	N/A	N/A
IATA/ICAO	N/A	Not regulated for transportation	N/A	N/A	N/A

14.6 Special Precautions for User: Not applicable.

14.7 Transport in Bulk According to IMO Instruments: Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

German WGK: 1

15.2 Chemical Safety Assessment: None required.

16. OTHER INFORMATION

Full text of Classification abbreviations used in Section 2 and 3:

Acute Tox. 4 – Acute Toxicity Category 4

Aquatic Acute 1: Hazardous to the Aquatic Environment – Acute Hazard Category 1

Aquatic Acute 2: Hazardous to the Aquatic Environment – Acute Hazard Category 2

Aquatic Chronic 2: Hazardous to the Aquatic Environment – Long-Term Hazard Category 2

Aquatic Chronic 3: Hazardous to the Aquatic Environment – Long-Term Hazard Category 3

Eye Dam 1: Eye Damage Category 1

Eye Irrit. 2: Eye Irritation Category 2

Skin Irrit. 2: Skin Irritation Category 2

H302 Harmful if swallowed.

H315 Causes Skin Irritation

H318 Causes serious eye damage.

H319 Causes serious eye irritation

H400 Very toxic to aquatic life.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Revision History:

Date of Current Revision: March 14, 2022

Revision Summary: New SDS

Date of Previous Revision: N/A

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, ECHA REACH Registration Website, Country web