

# 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  
FINE TO NORMAL CONDITIONER

### 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:

-European Union (EU) –  
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:

<b>Classification:</b>		
<b>Physical</b>	<b>Environmental</b>	<b>Health</b>
Not Hazardous	Hazardous to the Aquatic Environment – Chronic Hazard Category 3 (H412)	Not Hazardous

## 2.2 Label Elements:

### Statements of Hazard

H412 Harmful to aquatic life with long lasting effects.

### Precautionary Phrases

P273 Avoid release to the environment.  
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:

<b>Hazardous Components</b>	<b>C.A.S. #</b>	<b>EINECS # / REACH Registration #</b>	<b>Classification</b>	<b>WT %</b>
Cetrimonium chloride	112-02-7	203-928-6	Acute Tox.4 (Oral) (H302) LD50: 450 mg/kg Acute Tox.3 (Dermal) (H311) LD50: 429 mg/kg Skin Corr. 1 (H314) Eye Dam 1, (H318) Aquatic Acute 1 (H400) M Factor 10X Aquatic Chronic 1 (H410)	<0.1
Stearamidopropyl dimethylamine	7651-02-7	231-609-1	Eye Dam 1, (H318) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	<1

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

## 4. FIRST AID MEASURES

### 4.1 Description of First Aid Measures:

<b>Eye Contact:</b>	Flush the eyes with large amounts of water while holding the eyelids open to assure that the entire surface is flushed. Get medical attention if irritation develops or persists.
<b>Skin Contact:</b>	Product is intended to contact the hair, and no first aid should be needed. If irritation develops, discontinue use, wash skin with water. Get medical attention if irritation persists.
<b>Inhalation:</b>	None needed under normal use conditions. If irritation develops, move to fresh air. Get medical attention if irritation persists.
<b>Ingestion:</b>	If large amounts are swallowed, seek medical advice.

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

Contact may cause mild eye irritation. Inhalation of mists may cause mild respiratory irritation.

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

Immediate medical attention should not be required.

### 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.

### 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. Material should not be released 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
Cetrimonium chloride	None established
Stearamidopropyl dimethylamine	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):**

<b>Respiratory protection:</b>	None under normal use conditions.
<b>Hand protection:</b>	None required under normal use conditions. Applicable for industrial settings only: Protective gloves.
<b>Eye Protection:</b>	None required under normal use conditions. Applicable for industrial settings only: Wear chemical goggles.
<b>Skin and body protection:</b>	None required under normal use conditions. Applicable for industrial settings only: Use personal protective equipment as required.
<b>Hygiene measures:</b>	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:

<b>Appearance:</b>	Opaque white cream
<b>Color:</b>	White
<b>Physical State:</b>	Liquid
<b>Odor:</b>	Characteristic
<b>Melting/Freezing Point:</b>	Not determined
<b>Boiling Point / Range:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Relative Vapor Pressure @20°C:</b>	Not determined
<b>Solubility:</b>	Not determined
<b>Partition Coefficient (n-octanol/water):</b>	Not determined
<b>pH:</b>	3.85 – 4.20
<b>Relative Density:</b>	0.975 – 1.00
<b>Kinematic Viscosity:</b>	Not determined
<b>Autoignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Flash Point:</b>	Not determined
<b>Flammability:</b>	Not applicable
<b>Flammability Limits:</b>	
<b>LEL:</b>	Not determined
<b>UEL:</b>	Not determined

**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 the hair. No adverse effects are expected.

**Eye Contact:** Contact may cause mild irritation.

**Ingestion:** Swallowing may cause gastrointestinal disturbances.

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

**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.

**Germ Cell Mutagenicity:** Based on available data, the classification criteria are not met.

## **Acute Toxicity Data:**

Product ATE: LD50 Oral >5000 mg/kg

LD50 Dermal >2000 mg/kg

Cetrimonium chloride: LD50 Oral Rat 450 mg/kg; LD50 Dermal Rabbit 429 mg/kg

Stearamidopropyl dimethylamine: LD50 Oral Rat >2,000 mg/kg; LD50 Dermal Rabbit >2,000 mg/kg

**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.

Cetrimonium chloride:

LC50 Brachydanio rerio (Zebra Fish): 0.59 mg/L/96 hr.

EC50: Daphnia Magna: 0.28 mg/L/48 hr.

EC50: Pseudokirchneriella subcapitata: 0.11 mg/L/96 hr.

Stearamidopropyl dimethylamine:

LC50 Oncorhynchus mykiss: 0.1- <1.0 mg/L/96 hr

EC50: Daphnia Magna: 0.38 mg/L/48 hr.

EC50: Pseudokirchneriella subcapitata: 0.14 mg/L/72 hr.

#### 12.2 Persistence and Degradability:

Cetrimonium chloride: Readily biodegradable.

Stearamidopropyl dimethylamine: Readily biodegradable

#### 12.3 Bio-accumulative Potential:

Cetrimonium chloride: Low potential to bioaccumulate.

Stearamidopropyl dimethylamine: Very low potential to bioaccumulate.

#### 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 house hold 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: 2

**15.2 Chemical Safety Assessment:** None required.

## 16. OTHER INFORMATION

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

Acute Tox.3: Acute Toxicity Category 3

Acute Tox.4: Acute Toxicity Category 4

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

Aquatic Chronic 1: Hazardous to the Aquatic Environment – Long-Term Hazard Category 1

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

Eye Dam 1: Eye Damage Category 1

Skin Corr. 1: Skin Corrosive Category 1

H302 Harmful if swallowed.

H311 Toxic in contact with skin

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

### Revision History:

**Date of Current Revision:** May 20, 2021

**Revision Summary:** Review and update for formulation revision, and Regulation (EC) 2020/878 requirements. Changes to all Sections.

**Date of Previous Revision:** December 04, 2019

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