

# SAFETY DATA SHEET

## Safety Data Sheet:

- (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 202
- According to REACH Regulation (EC) No 1907/200 amended by UK REACH Regulations SI 2019/758

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

### 1.1 Product Identifier:

Trade Name (as labeled):

FEDERICI BRANDS: COLOR WOW ATLANTIC

### 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:

<b>-European Union (EU) –</b>	
<b>Manufacturer/Supplier Name:</b>	FBRP Limited
<b>Manufacturer/Supplier Address:</b>	9/10 Fenian Street Dublin 2 D02 RX24 Ireland
<b>-United Kingdom (UK)–</b>	
<b>Manufacturer/Supplier Name:</b>	Federici Brands Ltd.
<b>Manufacturer/Supplier Address:</b>	22 Chancery Lane London WC2A 1LS United Kingdom
<b>-United States (US) -</b>	
<b>Manufacturer/Supplier Name:</b>	Federici Brands LLC
<b>Manufacturer/Supplier Address:</b>	195 Danbury Road, Davenport Building, Suite 300 Wilton, CT 06897

**Manufacturer/Supplier Telephone Number:**

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

**Email address:**

### 1.4 Emergency Telephone Number:

**EU –**  
**UK-**  
**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: Quaternium-91, Stearamidopropyl dimethylamine, Behentrimonium Methosulfate, and Distearyltrimonium Chloride.

### 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 %
Quaternium-91	97281-29-3	306-529-6 /	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	<2
Stearamidopropyl dimethylamine	7651-02-7	231-609-1	Eye Dam 1, (H318) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	<2
Behentrimonium Methosulfate	81646-13-1	279-791-1	Skin Irrit. 2 (H315) Eye Dam 1, (H318) STOT RE 2 (H373) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	<1
Distearyltrimonium Chloride	107-64-2	203-508-2	Eye Dam 1, (H318) 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:

<b>Eye Contact:</b>	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.
<b>Skin Contact:</b>	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.
<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:

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
Quaternium-91	None established
Stearamidopropyl dimethylamine	None established
Behentrimonium Methosulfate	None established
Distearyldimonium Chloride	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:** Light pink, opaque, thick cream.  
**Color:** Light pink.  
**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:** 3.85 - 4.25  
**Relative Density:** 0.985 – 0.995  
**Particle Characteristics:** Not applicable  
**Kinematic Viscosity:** Not determined.  
**Autoignition Temperature:** Not determined.

<b>Decomposition Temperature:</b>	Not determined.
<b>Flash Point:</b>	Not applicable.
<b>Flammability:</b>	Not applicable
<b>Flammability Limits:</b>	
<b>LEL:</b>	Not applicable
<b>UEL:</b>	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:** Burning may produce 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.

**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.

Quaternium-91: LD50 Oral Rat >2,000 mg/kg; LD50 Dermal Rabbit >2,000 mg/kg

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

Behentrimonium Methosulfate: LD50 Oral Rat 3,190 mg/kg, LD50 Dermal Rabbit 4,350 mg/kg

Distearyldimonium Chloride: LD50 Oral Rat 11,300 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.

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

**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.

Quaternium-91: LC50 Danio rerio (Zebra Fish): 29.4 mg/L/96 hr.

EC50: Daphnia Magna: 0.21 mg/L/48 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.

Behentrimonium Methosulfate:

LC50 Brachydanio rerio (Zebra Fish): 3.5 mg/L/96 hr.

EC50: Daphnia Magna: 1.39 mg/L/48 hr.

Distearyldimonium Chloride:

LC50 Lepomis macrochirus 10.1 mg/L/96 hr.

EC50 Daphnia Magna: 0.19 mg/L/48 hr.

**12.2 Persistence and Degradability:**

Quaternium-91: Readily biodegradable.

Stearamidopropyl dimethylamine: Readily biodegradable

**12.3 Bio-accumulative Potential:**

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 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:**

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 Irrit. 2: Skin Irritation Category 2

STOT RE 2: Specific Target Organ Toxicity Repeat Exposure Category 2

H315 Causes Skin Irritation

H318 Causes serious eye damage.

H373 May cause damage to organs through prolonged or repeated exposure.

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:** November 12, 2024

**Revision Summary:** New SDS.

**Date of Previous Revision:** N/A

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