



## SCHEDA DEI DATI DI SICUREZZA

In compliance with regulation (EC) no 1907/2006 of the European Parliament (REACH)

### LIGHTON MASK - SEMIPERMANENT MASK

Revision - 00

Dated - 14/07/2022

This safety data sheet replaces all previous versions.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

### 1.1. Identification of the substance/preparation

Semipermanent hair colour containing direct colorants – Rinse-off product.

### 1.2. Identification of the substance/preparation

Product type and use: Finished hair cosmetic.

Uses advised against: None in particular.

### 1.3. Company information

HAIR BIOLOGIC SYSTEM SRL - VIA PADRE ANTONIO CASAMASSA, 87 - 00119 ROMA  
TEL. +39 06.5652045/6 - FAX +39 06.5652150, INFO@HBSSRL.COM, WWW.JALYD.COM

### 1.4 Emergency telephone number

CENTRO ANTIVELENI NIGUARDA - MILANO - Tel. +39 02 66101029

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Cosmetics do not need to be classified or labelled pursuant to the provisions set forth in Regulation (EC) 1272/2008 (CLP Regulation) as amended.

### 2.2. Specific hazards to humans and environment

Cosmetics do not need to be labelled pursuant to the provisions set forth in Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Information Data Sheet is intended to be attached to the Multimodal Dangerous Goods Form when dangerous goods are shipped by sea.

Warnings: Hazard

Contains: Cetrimonium Chloride

### 2.3. Other hazards

According to available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Generic composition

The product is composed of fatty alcohols, cationic non-ionic surfactants and direct colorants.

### 3.2. Composition of hazardous preparations

This preparation is classified as hazardous as described at point 2.2.

#### 3.2.1 Information on ingredients/hazardous ingredients

INCI	CAS NO.	EINECS NO.	Conc.%	Pictogra ms	H Statements
CETRIMONIUM CHLORIDE	112-02-7	203-928-6	1 - 5	GHS07/GHS05/GHS09	H302/H311/H314/H400/ H410

### 3.3 List of dangerous substances for compounds that are not classified as hazardous as set forth in Directive 1999/45/EC:

N.A.

### 3.4 Classification as set forth in articles 4 and 6 of Directive 67/548/EC:

N.A.

## 4. FIRST-AID MEASURES

No episodes of damage to health ascribable to the product have ever been reported. Observe the following guidelines if necessary:

### 4.1 Inhalation

Immediately remove the subject from the contaminated area to a well ventilated area. In case of asthma seek medical attention.

### 4.2 Skin contact

Wash immediately with soap and water.

### 4.3 Eye contact

Flush immediately and thoroughly with water. Remove contact lenses if present. Seek medical attention if irritation persists.

### 4.4 Ingestion

Rinse mouth with water and drink a lot of water. Seek medical attention if the subject feels unwell.

## 5. FIREFIGHTING MEASURES

### 5.1 Suitable extinguishing media

Water, water spray and foam. Use water or water spray until the fire is completely extinguished.

### 5.2 Unsuitable extinguishing equipment

None in particular.

### 5.3 Special hazards arising from the substance or from exposure to combustion gases in the event of fire

In case of fire, the product can release toxic nitric oxide (NO<sub>x</sub>) gases, sulfur oxide gases and carbon monoxide or carbon dioxide (CO e CO<sub>2</sub>) gases.

### 5.4 Special protective equipment for fire fighters

In case of fire, wear a breathing apparatus and adequate fire-fighting clothes.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions

Wear adequate individual protection equipment.

### 6.2 Environmental precautions

Prevent the product from penetrating the soil.

### 6.3 Methods for cleaning up

Use good hygienic practices at work. Avoid any contact with skin, eyes or clothes. In case of contact, rinse with water. Collect any spillages by mechanical means and dispose of the collected product in a suitable container.

## 7. HANDLING AND STORAGE

### 7.1 Handling

Avoid friction and overheating; use correct ventilation / exhaust hoods in the workplace. Take precautionary measures against static discharges.

### 7.2 Storage

Store in a cool well-ventilated room. Do not store the product near sources of heat, naked flames, sparks or other ignition sources. Protect from heat or direct sun light; store indoor, away from rain or humidity.

### 7.3 Use

Professional use.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### 8.1. Control parameters – Exposure limits

Occupational exposure limits are listed below for the main ingredients:

#### CETRIMONIUM CHLORIDE CAS N° 112-02-7

Occupational exposure limits are not available.

Occupational Exposure Limits (DNEL)

Cetrimonium Chloride - CAS: 112-02-7

Factory worker: 4.7 mg/kg - Exposure: Dermal, Human - Frequency: Long term, Systemic effects

Factory worker: 3.32 mg/m<sup>3</sup> - Consumer: 0.98 mg/m<sup>3</sup> - Exposure: Inhalation:

Human - Frequency: Long term, systemic effects

Consumer: 2.83 mg/kg - Exposure: Oral, human - Frequency: Long term, systemic effects

Occupational Exposure Limits (PNEC)  
Cetrimonium Chloride - CAS: 112-02-7  
Target: Fresh water - Value: 0.00068 mg/l  
Target: Marine water - Value: 0.000068 mg/l  
Target: Fresh water sediments - Value: 9.27 mg/Kg  
Target: Marine water sediments - Value: 0.927 mg/Kg  
Target: Soil - Value: 0.4 mg/l  
Target: Soil - Value: 7 mg/kg

#### 8.2.1. Occupational exposure control

- a) Respiratory protection: not required for normal use. Do not inhale the product.
- b) Hand protection: use protective gloves.
- c) Eye protection: safety goggles. Avoid contact with eyes.
- d) Skin protection: wear an overall or standard protective clothing.

#### 8.2.2. Environmental exposure control

N.A. See section 6.2

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. General information

Aspect	Cream
Colour	Characteristic
Odour	Characteristic

### 9.2. Health, safety and environment - Important information

pH	undetermined
Melting point	undetermined
Boiling point	undetermined
Flash point	undetermined
Flammability	undetermined
Explosive properties	undetermined
Oxidising properties	none
Vapour pressure	undetermined
Density 25°C (g/ml)	0,94 – 1,02
Density when compressed	undetermined
Solubility	undetermined
Water solubility	undetermined
n-octanol/water partition coefficient	undetermined
Viscosity 25°C S04 3.0 RPM (cPs)	20000 - 60000
Vapour density	undetermined

### 9.3 Other information

No information available.

## 10. STABILITY AND REACTIVITY

The product does not undergo decomposition if used according to the directions for use.

### 10.1. Conditions to avoid

None in particular. Observe safety precautions that apply to safe handling of chemicals.

### 10.2. Incompatible materials

None in particular.

### 10.3. Dangerous substances upon decomposition

In case of fire, product decomposition may cause the release of gases and vapours that can be potentially dangerous to health.

## 11. TOXICOLOGICAL INFORMATION

There is no toxicological data available on the product; health hazards were assessed considering the properties of each substance it contains, according to the criteria set forth in the regulation governing product classification. Consider the individual concentration of each hazardous component as set forth in section 3 to assess toxicological effects resulting from exposure to the product.

The main symptoms and effects after exposure may include: throat irritation, cough, asthma, laryngitis, shortness of breath, headache, nausea, vomiting.

### 11.1 Dangerous effects resulting from exposure to the preparation

Effects of chronic exposure: the effects of chronic exposure to this mix have never been tested in compliance with "OHS Hazard Communication Standard".

Target organs: skin, respiratory system.

Routes of exposure: inhalation, ingestion and skin.

### 11.2 Toxicological Information about the individual components

Information on toxicological effects of the main components:

#### **CETRIMONIUM CHLORIDE CAS N° 112-02-7**

LD50 (oral, rat) > 2000 mg/kg

LC50 (dermal, rat) > 1000-2000 mg/kg

Further Information:

No episodes of damage to health ascribable to exposure to the product have ever been reported. Use good hygienic practices at work.

## 12. ECOLOGICAL INFORMATION

### General instructions

Use according to good working practices. Dispose of waste responsibly.

### 12.1 Ecotoxicity

Information on toxicological effects of the main components:

#### **CETRIMONIUM CHLORIDE CAS N° 112-02-7**

a) Acute toxicity in water:

Endpoint: LC10 - Species: Algae = 0.104 mg/l - Duration h: 96 - Notes: OECD 201 Read across (CAS 61789-18-2)

Endpoint: EC50 - Species: Daphnia = 0.09 mg/l - Duration h: 48 - Notes: OECD 201 Read across (CAS 61789-18-2)

Endpoint: LC50 - Species: Algae = 0.18 mg/l - Duration h: 96 - Notes: OECD 201 Read across (CAS 61789-18-2) - Registration Dossier

Endpoint: LC50 - Species: Fish = 0.59 mg/l - Duration h: 96 - Notes: OECD 203 Read across (CAS 61789-18-2) - Registration Dossier

b) Chronic Toxicity in water:

Endpoint: NOEC - Species: Daphnia = 0.0068 mg/l - Duration h: 504 - Notes: OECD 201 Read across (CAS 61789-18-2)

Endpoint: NOEC - Species: Fish = 0.032 mg/l - Duration h: 672 - Notes: US EPA FIFRA 72-4a Read across (CAS 61789-18-2)

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Neat product residues should be considered special non-hazardous waste.

Dispose of wastes in compliance with all applicable local and state regulations.

**Product:** Do not dispose of the product with household garbage. Do not allow into drains.

Dispose of wastes and containers in compliance with all applicable local and state regulations.

**Dirty packaging and containers:** Send rinsed packaging and containers for local recycling.

Other countries: follow local regulations and laws.

### Waste disposal code

N.A.

## 14. TRANSPORT INFORMATION

The product is not classified as dangerous under current provisions of the Code of International Carriage of Dangerous Goods (ADR/IMDG/IATA).

## 15. REGULATORY INFORMATION

Classification and labels according to Regulation (EC) 1223/2009. Classification according to ADR/IMDG/IATA regulations applying to transport of dangerous goods.

## 16. OTHER INFORMATION

### Further information

The information herein is based on the latest knowledge available up to now; it refers solely to the product described and is not intended to claim any particular feature. The user should ensure that the information herein is complete and adequate to the intended use.

This Information Sheet cancels and replaces any previous version.