

# LUMINAE

L U M I N A E

ECLIPSE

CHARCOAL CRÈME LIGHTENER

## Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Identification of the substance/preparation

ECLIPSE CHARCOAL CRÈME LIGHTENER

#### 1.2 Identification of the substance/preparation

Product type and use: Black toning hair bleaching cream

Uses advised against: None in particular

#### 1.3 Details of the supplier of the Information Data Sheet

Name: LUMINAE HAIRCARE

Headquarters Address: 8750 Westpark Dr.

District and Country: Houston, Texas 77063 USA

Telephone: +1 (713) 532-1111

E-mail: info@luminaehaircare.com

#### 1.4 Emergency telephone number

Jeremiah R. Sammons - +1 (713) 696-9244

### SECTION 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: Potassium Persulfate Sodium Metasilicate Ammonium Persulfate Sodium Persulfate Sodium Silicate Isopropyl Alcohol

#### 2.3 Other hazards

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

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Generic composition

The bleaching cream is composed of waxes, oils, mineral persulfates, silicates, metasilicates, soap and cellulose.

### 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.%	Pictograms	H Statements
<b>POTASSIUM PERSULFATE</b>	7727-21-1	231-781-8	10÷25	GHS03, GHS07, GHS08	H272, H302, H315, H317, H319, H334, H335
<b>SODIUM METASILICATE</b>	6834-92-0	229-912-9	10÷25	GHS05, GHS07	H290, H314, H335
<b>AMMONIUM PERSULFATE</b>	7727-54-0	231-786-5	5÷10	GHS03, GHS07, GHS08	H272, H302, H315, H317, H319, H334, H335
<b>SODIUM PERSULFATE</b>	7775-27-1	231-892-1	5÷10	GHS03, GHS07, GHS08	H272, H302, H315, H317, H319, H334, H335
<b>SODIUM SILICATE</b>	1344-09-8	215-687-4	1÷5	GHS05, GHS07	H315, H319, H335
<b>ISOPROPYL ALCOHOL</b>	67-63-0	200-661-7	0,1÷1	GHS02, GHS07	H225, H336

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.

## SECTION 4. FIRST-AID MEASURES

### 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.

## SECTION 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. Some extinguishing equipment however (chemical powder, sand, soil etc.) may be ineffective because the product contains oxidizers that support combustion.

### 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 ammonia gases, sulphur dioxide (SO<sub>2</sub>) or sulphur trioxide (SO<sub>3</sub>) gases.

### 5.4 Special protective equipment for fire fighters:

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

## SECTION 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.

## SECTION 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 dry, cool place (below 30°C). Avoid contamination with reducing agents such as lotions or permanents. Do not store the product after mixing it with developers or lightening lotions. Containers may break.

Avoid contact with wet organic materials such as paper towels, wood, clothes etc.

Protect from heat or direct sun light; store indoor, away from rain or humidity.

### 7.3 Use:

Professional use.

## SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### 8.1 Control parameters – Exposure limits:

Potassium Persulfate: N.A.

Sodium Metasilicate: OEL for powder: alveolar fraction 3mg/m<sup>3</sup>, respirable fraction 10mg/m<sup>3</sup>

Ammonium Persulfate: N.A.

Sodium Persulfate: N.A.

Sodium Silicate: N.A.

Isopropyl Alcohol: N.A.

## 8.2 Personal protection:

### 8.2.1 Occupational exposure control

Respiratory protection: Not required for normal use. Do not inhale the product.

Hand protection: Use protective gloves.

Eye protection: Safety goggles. Avoid contact with eyes.

Skin protection: Wear an overall or standard protective clothing.

### 8.2.2 Environmental exposure control

N.A. See section 6.2

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information:

Aspect: Cream

Colour: Characteristic

Odour: Mild, Characteristic

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

pH: (40g/l, 20°C) 10.50 ÷ 11.50

Melting point: Undetermined

Boiling Point: Undetermined

Flash Point: Undetermined

Flammability: Undetermined

Explosive Properties: Undetermined

Oxidizing Properties: None

Vapor Pressure: Undetermined

Density: Undetermined

Density When Compressed: Undetermined

Solubility: Undetermined

Water Solubility: Undetermined

n-octanol/Water Partition Coefficient : Undetermined

Viscosity : Undetermined

Vapor Density: Undetermined

### 9.3 Other Information

No information available.

## SECTION 10. STABILITY AND REACTIVITY

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

The product is stable at temperatures up to 65°C if safety conditions are satisfied; at higher temperatures it undergoes gradual decomposition and releases small amounts of oxygen and ammonia.

At about 150°C decomposition speeds up, the process becomes self-accelerating and releases oxygen that may cause serious accidents (fire).

Humidity is also a very important factor. If it is not stable and controlled, it can remarkably reduce decomposition temperature.

### **10.1 Conditions to avoid:**

Heat, humidity, reducing agents (i.e. permanent lotions). Avoid shocks. Avoid friction. Avoid electrostatic charges.

### **10.2 Incompatible materials:**

Acids, alkali, metals, oxidizers and fuels. Do not use metal bowls/caps or stirrers.

### **10.3 Dangerous substances upon decomposition:**

Corrosive vapours/gases, i.e. sulphur oxide (SO<sub>x</sub>), ammonia, nitrogen oxide (NO<sub>x</sub>) and ozone toxic gases/vapours.

## **SECTION 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.

### **ACUTE EFFECTS:**

The product is harmful if swallowed. Ingestion of small amounts may cause serious health effects (nausea, vomiting, abdominal pain, diarrhea). Ingestion can cause inflammation of mouth, throat and oesophagus; vomiting, diarrhea, oedemas, swelling of the larynx and suffocation. It may also cause gastrointestinal tract perforation.

The product may badly burn and blister the skin at some time after exposure. Burns cause severe pain. Skin contact may cause sensitization and allergic contact dermatitis. Dermatitis occurs after skin inflammation due to repeated contact with the sensitizing substance. Skin effects, which include erythema, oedema, papules, blistering, pustules, skin flaking or cracking and sweating, can be different according to the stages of the disease and to the areas affected. Erythema, oedema and sweating prevail in the acute phase. Skin flaking and cracking, dry skin or skin thickening prevail during the chronic phase.

Eye contact results in serious injuries and may cause corneal opacity, damage to the iris, irreversible eye colouring.

Powders and/or vapours released are caustic. Inhalation may damage the respiratory tract and result in pulmonary oedema; symptoms may occur some hours after exposure. Inhalation causes irritation of the upper and lower respiratory tract, cough and respiratory distress; higher concentration can cause pulmonary oedema. Inhalation causes sensitization, which may give rise to inflammatory episodes affecting the respiratory tract, most of all characterized by obstruction. Sometimes sensitization is accompanied by rhinitis and asthma. Damage to the respiratory tract depend on the inhaled quantity, on product concentration in the workplace and on exposure time.

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

The product contains ingredients that may be potentially dangerous to health. Such ingredients may cause irritation of skin, eye soft tissues and of the respiratory tract. They may trigger asthma in sensitive subjects, sensitize the skin and cause respiratory hypersensitization.

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.

General medical conditions that are aggravated by exposure should be related to the primary toxic effect of the substance; any pre-existing dermatitis may worsen due to any substances that are irritant to the skin.

## 11.2 Toxicological Information about the individual components:

Information on toxicological effects of the main components:

### Potassium Persulfate

Acute toxicity: LD50 (oral, rat) = 700mg/kg  
LC50 (dermal, rat) > 2000mg/l LD50 (inhalation, rat) > 2.95 mg/l

### Sodium Metasilicate

Acute toxicity: LD50 (oral, rat) = 1349mg/kg  
LC50 (dermal, rat) > 5000mg/l LD50 (inhalation, rat) > 2.06 mg/l

### Ammonium Persulfate

Acute toxicity: LD50 (oral, rat) = 700mg/kg  
LC50 (dermal, rat) > 2000mg/l LD50 (inhalation, rat) > 2.95 mg/l

### Sodium Persulfate

Acute toxicity: LD50 (oral, rat) = 700mg/kg  
LC50 (dermal, rat) > 2000mg/l LD50 (inhalation, rat) > 2.95 mg/l

### Sodium Silicate

Acute toxicity: LD50 (oral, rat) = 3400mg/kg  
LC50 (dermal, rat) > 2.06 g/m<sup>3</sup> LD50 (inhalation, rat) > 5000 mg/Kg

### Isopropyl Alcohol

Acute toxicity: LD50 (oral, rat) = Unclassified (no relevant components) LD50 (dermal, rat) = Unclassified (no relevant components)  
LD50 (inhalation, rat) = Unclassified (no relevant components)

Further Information:

No hazardous reactions are expected in normal conditions of use.

## SECTION 12. ECOLOGICAL INFORMATION

Use according to good working practices. Dispose of waste responsibly. Inform the responsible authorities if the product enters waterways or drains, or if it contaminates the soil or plant life.

### General instructions:

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

### 12.1 Ecotoxicity:

#### Potassium Persulfate:

Toxicity in water:	Bacteria EC10 (18h) = 36mg/l
	Shellfish EC50 (48h) = 120mg/l
	Fish LC50 (96h) = 76.3mg/l

#### Sodium Metasilicate:

Toxicity in water:	Bacteria EC50 (72h) = 207mg/l
	Shellfish EC50 (48h) = 1700mg/l
	Fish LC50 (96h) = 1108mg/l

#### Ammonium Persulfate:

Toxicity in water:	Bacteria EC10 (18h) = 36mg/l
	Shellfish EC50 (48h) = 120mg/l
	Fish LC50 (96h) = 76.3mg/l

Sodium Persulfate:

Toxicity in water:	Bacteria EC10 (18h) = 36mg/l
	Shellfish EC50 (48h) = 120mg/l
	Fish LC50 (96h) = 76.3mg/l

Sodium Silicate:

Toxicity in water:	Shellfish EC50 (48h) = 1700 mg/l
	Fish LC50 (96h) = 1108 mg/l

Isopropyl Alcohol:

Toxicity in water:	Bacteria EC10 (18h) = no information available
	Shellfish EC50 (48h) = no information available
	Fish LC50 (96h) = no information available

### SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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.

### SECTION 14. TRANSPORT INFORMATION

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (A.D.R.), and by rail (REI), of the International Maritime Dangerous Goods Code (IMDG) and of the International Air Transport Association (IATA).

### SECTION 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.

### SECTION 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.

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