

Material Safety data sheet

Revision N°2

Dated: May 15 2023

Product: **COSMETIC SCARLET RED/ ECARLATE ROUGE COSMETIQUE**

## **MATERIAL SAFETY DATA SHEET**

COSMETIC SCARLET RED/ ECARLATE ROUGE COSMETIQUE – Cosmetic Pigment

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

#### **1.1. Product Identifier**

Product Name: Scarlet Red Cosmetic Pigment

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Preparation: Colouring Substance / Pigment for Cosmetics. Can also be used for pigmentation in paint, synthetic resins, lacquer, printing, plastics, rubber and paper.

#### **1.3. Details of the Supplier of the Safety Data Sheet**

Company: Color Rare Ltd 105-1725 Atmec Gatineau, QC J8R 0E7

Tel/Fax: 1-613-701-5022

Email: [info@colorare.com](mailto:info@colorare.com)

#### **1.4. Emergency Telephone No.:**

Canada Contact your local Provincial Poison Centre or 911

<http://www.capcc.ca/>

Ontario: 1-800-268-9017

Quebec: 1-800-463-5060

USA American Association of Poison Control Centers 1-800-222-1222

<http://www.aapcc.org/>

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### **SECTION 2: Hazards Identification**

NOT NECESSARY

#### **2.1. Classification of the substance or mixture**

Classification according to EC Regulation 1272/2008:

This product does not require classification and labelling as hazardous according to CLP/GHS.

Classification according to EC Regulation No. 67/548 or No. 1999/45: The material is not subject to classification according to EC lists.

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### **SECTION 3: Composition/Information on Ingredients**

Hazardous Ingredients: NONE (Natural colorant, organic pigment)

Composition : C.I.Pigment Red 3

COLOR INDEX : PR3

EINECS : 219-372-2

CAS Number : 2425-85-6

Chemical name: 1- (4-methyl-2-nitrophenylazo) 2-naphthol

Chemical formula: C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>

Reference: COS-07

Composition: Monoazoic (barium salt an acid dye)

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### **SECTION 4: First-Aid Measures**

General information: Avoid creation of dust particles. Remove contaminated clothing and wash before reuse.

After inhalation: Take affected person to fresh air. In case of respiratory arrest, provide artificial respiration and call 911.

After skin contact: Wash affected skin with soap and rinse with plenty of water. Do not use solvents. If irritation persists, consult a dermatologist.

After eye contact: Remove contact lenses, if required. Flush eyes with plenty of water for 15 minutes. In case of discomfort seek medical help.

After ingestion: If swallowed, rinse mouth with plenty of water and give water to drink. Do not induce vomiting and call the poison control centre for medical advice. This product is non-toxic.

If in doubt or if symptoms persist, consult a physician.

Main symptoms:

Inhalation: May cause irritation of the respiratory system.

Eye Contact: May cause eye irritation.

Skin contact: May cause irritation + possible temporary coloring of the skin.

Ingestion: Ingestion can cause nausea and vomiting.

Immediate medical care and special treatment required: Treat symptomatically. No additional data available.

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### **SECTION 5: Fire-Fighting Measures**

#### **5.1. Extinguishing media**

Non-flammable product. Use extinguishing media for surrounding fire: water (in mist), foam, dry chemical powder.

Non-flammable product, low fire risk due to flammability characteristics of the product being used under normal conditions, recommended storage, handling and use. In case of fire, it is possible to

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use any type of fire extinguisher (ABC powder, foam, sprayed water...), with the exception of pressurized water jet.

### **5.2. Special hazards arising from the substance or mixture**

Do not inhale fumes or dust. No known additional hazards.

### **5.3. Advice for firefighters**

Protective equipment: Wear self-contained respiratory protective device. Prevent the heating of containers stored near the fire source using water. Retain contaminated water for disposal, in accordance with the local regulations. Do not allow contaminated water to reach sewers, water sources or soil. Combustion produces irritating, toxic and foul-smelling fumes.

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## **SECTION 6: Accidental Release Measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Avoid the formation / inhalation of dust. Avoid contact with skin and eyes.

### **6.2. Environmental precautions**

Product is not hazardous to the environment. Avoid contamination/introduction into sewers, water sources (surface or underground). Retain contaminated water for disposal, in accordance with local regulations. In the event of significant dispersion/contamination, inform the competent authorities in accordance with the local regulations.

### **6.3. Methods and material for containment and cleaning up**

Clean up manually using inert absorbent materials (sand, earth, vermiculite), avoid the formation of dust, and put in a suitable and labelled container, for disposal in accordance with local/national regulations. Always use appropriate personal protective equipment. Clean residues with water + detergent (if possible, avoid the use of solvents).

Prohibit access of unauthorized/unprotected persons. Avoid the formation / inhalation of vapors / fumes / aerosols. Ensure adequate ventilation. Avoid contact with skin and eyes.

### **6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

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## **SECTION 7: Handling and Storage**

### **7.1. Precautions for safe handling**

Instructions on safe handling: Avoid formation and deposit of dust. Provide adequate ventilation. Hygienic measures. Wash hands at the end of work. Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Immediately remove any soiled clothing; wash before reuse. Provide safety showers and eye fountains in places where the product is regularly used. Do not eat, drink or smoke in the work area.

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## 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool and dry place in well sealed packages. Appropriate packaging: paper bags, buckets, cartons, cardboard, etc. Product keeps for 60 months.

Requirements for storage areas and containers: Keep away from heat/ignition sources, radiation and electrical sources. Do not smoke. Store away from flammable acids and products. Protect from frost and heat, store in temperatures between 5 and 30 °C.

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## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Parameters to be controlled (DE): for dust formation.

Total dust: TWA (8h) = 10 mg/m<sup>3</sup>

Inhalable dust: TWA (8h) = 4 mg/m<sup>3</sup>

### 8.2. Exposure controls

Technical protective measures: Provide adequate ventilation.

General protective measures: Do not inhale dust. Do not eat, drink or smoke while working. Wash hands before breaks and at the end of work.

Respiratory protection: Respiratory protection is advisable in case of dust formation.

Hand protection: Protective gloves (EN 374)

Eye protection: Safety glasses (EN 166)

Environmental protection: Avoid contamination/introduction of product into sewers, water sources (surface or underground). Retain contaminated water for disposal, in accordance with local regulations. In the event of significant dispersion/contamination, inform the authorities in accordance with the local regulations.

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## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Form: powder

Color: scarlet red

Odor: odorless

Boiling temperature: NA

Flash point: not applicable. does not ignite easily and does not create conditions favourable to ignition during a fire.

Evaporation rate: not applicable

Flammability (solid, gas): NA

Decomposition temperature: NA

Explosive properties: Non-explosive

Oxidizing properties: Not applicable

Vapour pressure: Not applicable

Relative density (20°C): About 1.34 to 1.52 g/cm<sup>3</sup>

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Molar mass: 307.31 g/mol

Residues / sieve 100 Mesh: < 5.0%

Oil intake: < 50g / 100g of pigment

Humidity: < 1.5%

Insoluble matter: < 2.0%

Conductivity: <0.300 mS/cm

pH (at 20° C): approx. 6-8 in aqueous dispersion

Solubilities: water: insoluble

: linseed oil : insoluble

Solidities in various media: (scale from 1 to 5; 1= low - 5 = excellent)

- Water: 5 - oil: 5
- Ethanol: 2-3 - Esters: 1-2
- Ketones: 1 - Aliphatic oil: 1-2
- Plasticizers: 3-4 - Xylene: 2
- Gel soap: 3 - Oleic acid: 4-5

Solidity in light: 8 (scale of the Blues, from 1 to 8) → excellent U.V.

Weather resistance: 7 (scale from 1 to 8) → very good performance

Acid strength (HCl 5%): 5 (scale 1 to 5) → excellent resistance to acids

Strength at the bases: 3 (scale 1 to 5) → alkalis resistance average to good.

Thermal resistance: stable up to 160°C

Melting temperature: 278°C

Expiry period: minimum 5 years, in hermetically sealed packaging, protected from light, moisture, frost and heat.

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## **SECTION 10: Stability and Reactivity**

### **10.1. Reactivity**

This product is safe if used under conditions recommended.

### **10.2. Chemical stability**

This product is stable.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions are foreseeable in normal conditions of use and storage.

### **10.4. Conditions to avoid**

Do not expose to acids, light, moisture, frost or heat. The usual precautions used for chemical products should be followed.

### **10.5. Incompatible materials**

Acids.

### **10.6. Hazardous decomposition products**

No information

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## **SECTION 11: Toxicological Information**

### **11.1. Information on toxicological effects**

Acute toxicity: Oral (LD50): > 2000 mg/kg (rat)

Inhalation (LC50): No data available

Dermale (LD50): No data available

Ingestion:

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

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

Inhalation:

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

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

Contact with skin and eyes:

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

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

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

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

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

Sensitization effects:

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

Dermal: Given the available data, the classification criteria are not met.

Target organ toxicity (STOT)-exposure time:

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

Target organ toxicity (STOT)-repeated exposure:

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

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

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## **SECTION 12: Ecological Information**

### **12.1 Toxicity:**

No data available

### **12.2. Persistence and degradability:**

No data available.

### **12.3. Bioaccumulation potential:**

No data available.

### **12.4. Mobility in the soil:**

No data available.

### **12.5. Pbt and vPvB evaluation results:**

No data available.

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#### **12.6. Other adverse effects:**

None.

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### **SECTION 13: Disposal Considerations**

The product must be disposed in a controlled dump according to local regulations. Prevent the product from entering sewers, soil, waterways. The product must not be disposed of in a place where there is a risk of contact with acids.

Contaminated packaging: Clean packaging can be reused.

Uncleaned packaging must be disposed of with the same care as the product.

Take all necessary measures to avoid as much as possible the production of waste. Consider possible methods of recycling waste. Waste must be handled and disposed of in accordance with local regulations.

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### **SECTION 14: Transport Information**

NO RESTRICTIONS

#### **14.1. UN number**

Not applicable

#### **14.2. UN proper shipping name**

Not applicable

#### **14.3. Transport hazard class(es)**

Not applicable

#### **14.4. Packing group**

Not applicable

#### **14.5. Environmental hazards**

Not applicable

#### **14.6. Special precautions for user**

Do not transport with acids.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Information not relevant

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### **SECTION 15: Regulatory Information**

This product is not a dangerous substance according to the concerned EEC regulations.

- Information on classification and labelling in item 2:

The following regulations have been taken into account:

- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 487/2013
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 758/2013
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 944/2013
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 605/2014
- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 1297/2014

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- Packaging information:

No data are available.

- Special provisions:

No data are available.

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## **SECTION 16: Other Information**

The information contained in this document is based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property. The use of this product is the responsibility of the user; therefore, users must, comply with the current health and safety laws and regulations. The producer is not liable for improper use of the product.