

## Red No. 40 FD&C Lake

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 16-Sep-2026  
Supersedes: 06-Jun-2025

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Red No. 40 FD&C Lake  
**Synonyms:** No data available  
**INCI Name:** CI 16035 (red no. 40 FD&C lake), Water  
**CAS Number:** 68583-95-9, 7732-18-5  
**Formula:** No data available  
**Product Form:** Solid  
**Product Use:** Cosmetic use

**Distributor:** MakingCosmetics Inc.  
**Address:** 10800 231<sup>st</sup> Way NE  
Redmond, WA 98053 (USA)  
**Phone / Fax:** 425-292-9502 / 425-292-9601  
**Web:** [www.makingcosmetics.com](http://www.makingcosmetics.com)

**Emergency Telephone Number:** 1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Not classified.  
**GHS Labeling:** No labelling is required in accordance with GHS directives.  
**GHS Hazard Pictograms:** None.  
**GHS Hazard Statements:** None.  
**GHS Precautionary Statements:** None.

**Potential Health Hazards:** Eyes: Not expected to be an irritant.  
Inhalation: May be an irritant.  
Skin: Not expected to be an irritant.  
Ingestion: May cause nausea, vomiting, or diarrhea.

**HMIS Ratings (704):**

|                     |   |         |
|---------------------|---|---------|
| Health              | 1 | Slight  |
| Flammability        | 0 | Minimal |
| Reactivity          | 0 | Minimal |
| Personal Protection | B |         |

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Component                       | CAS No.    | Weight % | Molecular Weight |
|---------------------------------|------------|----------|------------------|
| CI 16035 (red no. 40 FD&C lake) | 68583-95-9 | 80-92%   | Not Available    |
| Water                           | 7732-18-5  | 8-18%    | Not Available    |
| Sodium Chloride                 | 7647-14-5  | 0-2%     | Not Available    |

### 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.  
**Inhalation:** If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.  
**Skin:** Cleansing with plenty of water, soap or other non-irritating cleansing agents.  
**Ingestion:** Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Keep respiratory tract clear. Do not give milk or alcoholic beverages. If symptoms persist, call a physician.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperatures. Use appropriate media (water spray, CO<sub>2</sub>, foam, dry powder) for surrounding environment for adjacent fire. Do not use a high-volume water jet.  
**Special protective equipment & precautions for firefighters:** Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Fire residues and contaminated firefighting water must be disposed of in

Specific hazards arising from the chemical: accordance with the local regulations.  
Not determined. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Avoid formation and deposition of dust. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

**Methods and material for containment and cleaning up:** Take up spilled product with dust-binding material or suitable vacuum cleaner. Fill into labelled, sealable containers. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Avoid formation and deposition of dust. Remove any dust with air extractors where it is formed. No special measures against fire or explosion required. Keep container tightly closed and dry. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

**Conditions for safe storage, incl. any incompatibilities:** Keep in original container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards. No decomposition if stored and applied as directed. Store away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| Component                   | Exposure Limits | Basis                     | Entity |
|-----------------------------|-----------------|---------------------------|--------|
| Red No. 40 FD&C Lake (PNOS) | 10 ppm          | TWA (inhalable)           | ACGIH  |
|                             | 3 ppm           | TWA (respirable)          | ACGIH  |
|                             | 15 ppm          | TWA (total dust)          | OSHA   |
|                             | 5 ppm           | TWA (respirable fraction) | OSHA   |

TWA: Time Weighted Average over 8 hours of work.  
TLV: Threshold Limit Value over 8 hours of work.  
REL: Recommended Exposure Limit  
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
IDLH: Immediately Dangerous to Life or Health  
WEEL: Workplace Environmental Exposure Levels  
CEIL: Ceiling  
PNOS: Particles (Insoluble/Poorly Soluble) Not Otherwise Specified

**Personal Protection:**

**Eyes:** Wear tightly fitting safety goggles. Keep eye wash bottle with pure water nearby.

**Inhalation:** Provide good ventilation. If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134.

**Body:** Wear suitable impervious gloves e.g. of PVC or nitrile rubber. In the event of contamination, change protective gloves immediately. Wear a dust impervious protective suit. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Other:** Keep away from food and drink. Wash hands before breaks and at end of work and use skin-protecting ointment. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                |                   |                                     |                   |
|--------------------------------|-------------------|-------------------------------------|-------------------|
| <b>Appearance:</b>             | Powder            | <b>Vapor Pressure:</b>              | No data available |
| <b>Odor:</b>                   | Odorless          | <b>Vapor Density:</b>               | No data available |
| <b>Odor Threshold:</b>         | No data available | <b>Evaporation Rate:</b>            | No data available |
| <b>Color:</b>                  | Red               | <b>Flammability:</b>                | Not flammable     |
| <b>Molecular Weight:</b>       | No data available | <b>Upper/lower Explosive Limit:</b> | Not applicable    |
| <b>pH:</b>                     | No data available | <b>Flash Point:</b>                 | Not applicable    |
| <b>Boiling Point:</b>          | No data available | <b>Specific Gravity:</b>            | No data available |
| <b>Melting/Freezing Point:</b> | No data available | <b>Water Solubility:</b>            | Dispersible       |

|                                                |                   |                                   |                   |
|------------------------------------------------|-------------------|-----------------------------------|-------------------|
| <b>Density:</b>                                | Not applicable    | <b>Auto-Ignition Temperature:</b> | Not determined    |
| <b>Partition Coefficient: n-octanol/water:</b> | No data available | <b>Decomposition Temperature:</b> | No data available |
| <b>Viscosity:</b>                              | Not applicable    | <b>Explosive Properties:</b>      | No data available |
| <b>Oxidizing Properties:</b>                   | Not oxidizing     | <b>Dust Explosion Class:</b>      | Not determined    |

## 10 STABILITY AND REACTIVITY

|                                          |                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                       | No hazardous reactions when stored and handled according to prescribed instructions. |
| <b>Chemical Stability:</b>               | No thermal decomposition when stored and handled correctly.                          |
| <b>Hazardous Polymerization:</b>         | No data available.                                                                   |
| <b>Conditions to Avoid:</b>              | No data available.                                                                   |
| <b>Incompatible Materials:</b>           | Oxidizing agents.                                                                    |
| <b>Hazardous Decomposition Products:</b> | Not applicable.                                                                      |
| <b>Possible Hazardous Reactions:</b>     | Dust may form explosive mixture in air.                                              |

## 11 TOXICOLOGICAL INFORMATION

|                                        |                                                                                                |
|----------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Acute Toxicity:</b>                 | No data available.                                                                             |
| <b>Skin:</b>                           | Prolonged direct contact with this product may cause skin irritation                           |
| <b>Eyes:</b>                           | Prolonged direct contact with this product may cause eye irritation                            |
| <b>Inhalation:</b>                     | Acute toxicity estimate > 10 mg/l, 4 hours (Method: Calculation method)                        |
| <b>Ingestion:</b>                      | (Rat) LD50 > 2,000 mg/kg.                                                                      |
| <b>Acute Oral Toxicity:</b>            | (Rat) LD50 > 2,000 mg/kg.                                                                      |
| <b>Acute Dermal Toxicity:</b>          | (Rabbit) LD50 > 2,000 mg/kg.                                                                   |
| <b>Primary Route of Exposure:</b>      | Inhalation, skin contact, eye contact, and ingestion are listed as primary routes of exposure. |
| <b>Carcinogenicity:</b>                | Not listed under IARC, NTP, OSHA, or ACGIH.                                                    |
| <b>Teratogenicity:</b>                 | Not necessary.                                                                                 |
| <b>Germ Cell Mutagenicity:</b>         | No indication of mutagenic effects.                                                            |
| <b>Specific Target Organ Toxicity:</b> | Not determined.                                                                                |
| <b>Reproductive Toxicity:</b>          | No indications of toxic effects were observed in reproduction studies in animals.              |
| <b>Sensitization:</b>                  | Non-sensitizing.                                                                               |
| <b>California Prop 65:</b>             | No components listed.                                                                          |

## 12 ECOLOGICAL INFORMATION

|                                       |                                                                                                                                                                                                                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity:</b>                   | No data available.                                                                                                                                                                                                                                                                                         |
| <b>Aquatic Vertebrate:</b>            | LC50 > 100 mg/l, 96 hours.                                                                                                                                                                                                                                                                                 |
| <b>Aquatic Invertebrate:</b>          | EC50 > 100 mg/l, 48 hours.                                                                                                                                                                                                                                                                                 |
| <b>Terrestrial:</b>                   | EC50 > 100 mg/l.                                                                                                                                                                                                                                                                                           |
| <b>Persistence and Degradability:</b> | Not readily biodegradable. If regulations are followed when introducing effluent into biological waste water treatment plants, no adverse effect on the degradation activity of activated sludge is to be expected.                                                                                        |
| <b>Bioaccumulative Potential:</b>     | Not determined.                                                                                                                                                                                                                                                                                            |
| <b>Mobility in Soil:</b>              | Not determined.                                                                                                                                                                                                                                                                                            |
| <b>PBT and vPvB Assessment:</b>       | Not determined.                                                                                                                                                                                                                                                                                            |
| <b>Other Adverse Effects:</b>         | Not determined.                                                                                                                                                                                                                                                                                            |
| <b>Further Information:</b>           | Product does not add to the AOX-value of the sewage.<br>The product does not contain heavy metals in concentrations of concern for waste water.<br>The product does not release nitrogen which can contribute to eutrophication.<br>The product does not contain phosphates or organophosphorus compounds. |

## 13 DISPOSAL CONSIDERATIONS

|                        |                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste Residues:</b> | Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product. |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Product Containers:** Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

**EU Waste Catalogue:** Code: 040217 Dyestuffs and pigments other than those mentioned in 040216.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

|                                                          |                                                                                                                 |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>DOT (Dept. of Transportation, USA):</b>               | Non-dangerous goods.                                                                                            |
| <b>TDG (Transportation of Dangerous Goods, Canada):</b>  | No data available.                                                                                              |
| <b>IMDG (International Maritime Dangerous Goods):</b>    | Non-dangerous goods.                                                                                            |
| <b>IATA (International Air Transport Association):</b>   | Non-dangerous goods.                                                                                            |
| <b>ICAO (International Civil Aviation Organization):</b> | Non-dangerous goods.                                                                                            |
| <b>Maritime transport in bulk IMO Instruments:</b>       | No transport in bulk according to Annex II of MARPOL 73/78 and IBC code foreseen for this substance or mixture. |

## 15 REGULATORY INFORMATION

**TSCA Inventory Status:** All substances listed as active on the TSCA inventory

**SARA 313:** This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

## 16 OTHER INFORMATION

**Revision Date:** 16-Sep-2026

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.