

Red No. 28 D&C Lake

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

Revision Date: 03-Jun-2025
Supersedes: 25-May-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Red No. 28 D&C Lake
Synonyms: No data available
INCI Name: CI 45410 (Red 28 Lake)
CAS Number: 84473-86-9
Formula: No data available
Product Form: Solid (Powder)
Product Use: Cosmetic use

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

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

2 HAZARDS IDENTIFICATION

Classification: Combustible dust: May form combustible dust concentrations in air.
Signal Word: **WARNING!**
Hazard Pictograms: None.
Hazard Statements: May form combustible dust concentrations in air.
Precautionary Statements: None.

Potential Health Hazards: Eyes: May be an irritant.
Inhalation: May be an irritant.
Skin: May be an irritant.
Ingestion: May cause nausea, vomiting, and diarrhea.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
CI 45410 (Red 28 Lake)	84473-86-9	Not Available	Not Available

4 FIRST AID MEASURES

Eyes: Wash immediately with water.
Inhalation: Remove casualty to fresh air and keep warm and at rest.
Skin: Wash with plenty of water and soap.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Get medical attention showing the SDS and label hazardous.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (Carbon dioxide (CO₂)) for surrounding environment and adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Collect contaminated fire extinguishing water. Do not discharge into drains. Move undamaged containers from immediate hazard area but only if it can be done safely.
Flash Points: Not applicable.
Specific hazards arising from the chemical: Do not inhale explosion or combustion gases. Burning produces heavy smoke. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

Do not try to clean up the leak without proper protective equipment. Remove person to safety. See section 8 for recommendations on the use of personal protective equipment. Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up:

Use absorbing material, organic, sand to clean up spilled material. Wash with plenty of water. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:

Avoid contact with skin and eyes, inhalation of vapors, and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities:

Store in a tightly closed container, in a cool, dry, well-ventilated area. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component

Red No. 28 D&C Lake

Exposure Limits

Not available

Basis

Entity

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

Personal Protection:

Eyes: Not needed for normal use. Safety glasses are recommended.
Inhalation: Do not breathe dust. Wear dust mask with particle filter.
Body: No special precaution must be adopted for normal use. Protective gloves and suitable protective clothing are recommended.
Other: 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

Appearance:	Solid (Powder)	Vapor Pressure:	Not determined
Odor:	Characteristic	Vapor Density:	Not determined
Odor Threshold:	Not determined	Evaporation Rate:	Not determined
Color:	Powder Red	Solid/Gas Flammability:	Not determined
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Not determined
pH:	Not determined	Flash Point:	Not applicable
Boiling Point/Range:	Not determined	Specific Gravity:	No data available
Melting/Freezing Point:	Not determined	Water Solubility:	Insoluble
Relative Density:	Not determined	Oil Solubility:	Not determined
Partition Coefficient: n-octanol/water:	Not determined	Auto-Ignition Temperature:	Not determined
Viscosity:	Not determined	Decomposition Temperature:	No data available
Oxidizing Properties:	Not determined	Explosive Properties:	Not determined

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: No data available.
Conditions to Avoid: Stable under normal conditions.

Incompatible Materials:	None in particular.
Hazardous Decomposition Products:	None.
Possible Hazardous Reactions:	The possibility of a dust explosion should always be considered.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified. Based on available data, the classification criteria are not met. (Rat) LD50 > 2000 mg/kg.
Skin:	Not classified Based on available data, the classification criteria are not met.
Eyes:	Not classified. Based on available data, the classification criteria are not met.
Inhalation:	Not classified Based on available data, the classification criteria are not met.
Ingestion:	No data available.
Carcinogenicity:	Based on available data, the classification criteria are not met. Not classified under IARC, OSHA, NIOSH, or NTP.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified. Based on available data, the classification criteria are not met.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified. Based on available data, the classification criteria are not met for single or repeated exposure.
Reproductive Toxicity:	Not classified. Based on available data, the classification criteria are not met.
Skin Sensitization:	Not classified Based on available data, the classification criteria are not met.
Skin Corrosion/Irritation:	No data available.
Aspiration Hazard:	Not classified. Based on available data, the classification criteria are not met.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Adopt good working practices, so that the product is not released into the environment.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	Not determined.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Do not dump into sewers, any body of water or onto the ground. Recover if possible. In so doing, comply with the local and national regulations currently in force. 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:	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.

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

DOT (Dept. of Transportation, USA):	Not classified as dangerous in the meaning of transport regulations.
TDG (Transportation of Dangerous Goods, Canada):	Not classified as dangerous in the meaning of transport regulations.
IMDG (International Maritime Dangerous Goods):	Not classified as dangerous in the meaning of transport regulations.
IATA (International Air Transport Association):	Not classified as dangerous in the meaning of transport regulations.
ICAO (International Civil Aviation Organization):	Not classified as dangerous in the meaning of transport regulations.

15 REGULATORY INFORMATION

TSCA Inventory Status:	All chemical substances in this material are included on or are exempted from listing on the TSCA Chemical Substance Inventory.
SARA 313:	No substances listed.
California Prop. 65:	No substances listed.
Canada (DSL):	This product has been classified in accordance with the hazard criteria of the Controlled Product Regulation (CPR) and this MSDS contains all the information required by the CPR.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Additional Abbreviations:	LD50: Lethal dose, for 50 percent of test population.
Revision Date:	23-May-2025
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.