

Red No. 6 D&C Lake


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

Revision Date: 14-Jan-2025
Supersedes: 04-Nov-2016

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Red No. 6 D&C Lake	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	CI 15850 (red no. 6 D&C lake), Barium sulfate, Resin acids and Rosin acids, barium salts	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	17852-98-1, 5858-81-1, 7727-43-7, 68188-14-7	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Solid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Classification:	Skin Sensitizer, Category 1 Respiratory Sensitizer, Category 1 Combustible Dust												
Signal Word:	DANGER												
Hazard Pictograms:													
Hazard Statements:	H317 May cause an allergic skin reaction. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. USH001 May form combustible dust concentrations in air.												
Precautionary Statements:	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves. P284 [In case of inadequate ventilation] wear respiratory protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with local, regional and international regulations.												
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
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3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
CI 15850 (red no. 6 D&C lake)	17852-98-1 / 5858-81-1	60 - 70%	Not Available
Barium sulfate	7727-43-7	25 - 30%	Not Available
Resin acids and rosin acids, barium salts	68188-14-7	5 - 10%	Not Available

4 FIRST AID MEASURES

Eyes:	Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur. Treat symptomatically.
Inhalation:	If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER or doctor/physician if you feel unwell. Treat symptomatically.
Skin:	Immediately remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the chemical remains (at least 15-20 minutes). If skin irritation occurs, get medical advice/attention. Treat symptomatically.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse out the mouth with water. Get medical attention immediately. Treat symptomatically.
Acute/Delayed Symptoms:	Asthma, Irritation, Shortness of breath, Skin contact may discolor skin due to pigment. Preexisting sensitization, skin and/or respiratory disorders or diseases may be aggravated. Treat symptomatically. See section 11 for additional information.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (carbon dioxide, foam, dry chemical, water) for surrounding environment and adjacent fire. Avoid hose streams or any method which will create dust clouds.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	Not Applicable.
Specific hazards arising from the chemical:	Concentrated dust/air combinations may produce explosive conditions. As with all organic dusts, fine particles suspended in air in critical proportions and in the presence of an ignition source may ignite and/or explode. Dust may be sensitive to ignition by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. Irritating or toxic substances may be emitted upon burning, combustion or decomposition. As a precaution, implement standard safety measures for handling finely divided organic powders. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	If spilled in an enclosed area, ventilate. Avoid raising powdered material due to explosion hazard. Use spark-proof and explosion-proof equipment. If inhalation of dust cannot be avoided, wear an approved particulate respirator. 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:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Contain spill. Wear proper personal protective clothing and equipment. Using care to avoid dust generation, vacuum or sweep into a closed container for reuse or disposal. Use approved industrial vacuum cleaner for removal. Avoid causing dust. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and laundry before reuse. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Do not breathe dust, vapor, aerosol, mist or gas. Use under well-ventilated conditions. Avoid eye and skin contact. Avoid drinking, tasting, swallowing or ingesting this product. Avoid routine inhalation of dust of any kind. Exercise care when emptying containers, sweeping, mixing or doing other tasks which can create dust. As a precaution to control dust explosion potential, eliminate ignition sources (e.g. sparks, static
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buildup, excessive heat, etc.). In general, dust of organic materials is a static charge generator which may be ignited by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. Use spark-proof tools and equipment. Bond, ground and properly vent conveyors, dust control devices and other transfer equipment. Prohibit flow of polymer, powder or dust through non-conductive ducts, vacuum hoses or pipes, etc.; only use grounded, electrically conductive transfer lines when pneumatically conveying product. Prevent accumulation of dust (e.g., well-ventilated conditions, promptly vacuuming spills, cleaning overhead horizontal surfaces, etc.). A properly engineered explosion suppression system must be considered. See standards such as the National Fire Protection Association NFPA 654. 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 cool and dry, under well-ventilated conditions. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Barium sulfate	5 mg/m ³	TWA (inhalable particulate matter, particulate matter)	ACGIH
Particles	15 mg/m ³	TWA (Total dust)	OSHA-PEL
	5 mg/m ³	TWA (Respirable fraction)	OSHA-PEL
	15 mg/m ³	TWA (total dust)	OSHA
	5 mg/m ³	TWA (respirable fraction)	OSHA
	10 mg/m ³	TWA (inhalable particles)	PNOS: ACGIH
	3 mg/m ³	TWA (respirable particles)	PNOS: ACGIH

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:** Wear eye protection.
- Inhalation:** In case of insufficient ventilation, wear suitable respiratory equipment. If inhalation of dust cannot be avoided, wear an approved particulate respirator. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR).
- Body:** Wear chemical resistant (impervious) gloves. Use good laboratory/workplace procedures including personal protective clothing: lab coat, safety glasses and protective gloves.
- Other:** Use good personal hygiene practices. Always provide effective general and, when necessary, local exhaust ventilation to draw dust away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limits. Eliminate ignition sources (e.g., sparks, static buildup, excessive heat, etc.). Prohibit flow of powder or dust through non-conductive ducts, vacuum hoses, or pipes, etc. Bond, ground, and properly vent conveyors, dust control devices and other transfer equipment. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Vapor Pressure:	No data available
Odor:	None	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Red-Orange	Flammability:	Not flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	Not Applicable
Boiling Point:	Not Applicable	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	Insoluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	Not Applicable	Explosive Properties:	Not explosive
Oxidizing Properties:	Not oxidizing	Combustibility:	May form combustible dust-air

10 STABILITY AND REACTIVITY

Reactivity:	None known.
Chemical Stability:	This product is stable.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid dust formation.
Incompatible Materials:	Avoid strong acids, bases, and oxidizing agents.
Hazardous Decomposition Products:	Oxides of carbon, oxides of nitrogen, oxides of sulfur. Oxides of barium.
Possible Hazardous Reactions:	Hazardous polymerization will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified (based on available data, the classification criteria are not met). No toxicity studies have been conducted on this product.
Skin:	May cause allergic skin reaction. Repeated or prolonged skin contact may cause irritation. Component: Barium Sulfate: (Rat, Dermal) LD50 >2000 mg/kg (similar materials).
Eyes:	Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation.
Inhalation:	May cause allergy or asthma symptoms or breathing difficulties if inhaled. (Rat, Inhalation) Component: D&C Red No. 6 Barium Lake; LC50: >5 mg/L; 4 hours; dust, similar materials.
Ingestion:	Ingestion may cause irritation. (Rat, Oral) Component: D&C Red No. 6 Barium Lake; LD50 >2000 mg/kg (similar materials). (Rat, Oral) Component: Barium Sulfate; LD50 >15000 mg/kg.
Acute & Delayed Symptoms:	Asthma, Irritation, Shortness of breath, Skin contact may discolor skin due to pigment.
Carcinogenicity:	The components of this mixture are not known to be listed or regulated by IARC (Group 1 or 2), NTP, OSHA or ACGIH.
Germ Cell Mutagenicity:	Not classified.
Specific Target Organ Toxicity:	Not classified for single or repeated exposure.
Reproductive Toxicity:	Not classified.
Serious Eye Damage/Irritation:	Not classified based on available data.
Skin Corrosion/Irritation:	Not classified based on available data.
Respiratory/Skin Sensitization:	Respiratory sensitization (Category 1). Skin sensitization (Category 1). Component: D&C Red No. 6 Barium Lake; Non-sensitizer (similar materials). Component: Barium Sulfate; Non-sensitizer (Mouse/Local lymph node assay). Component: Resin acids & rosin acids, barium salts; Sensitizer (Similar materials).
Aspiration Hazard:	Not classified (technical impossibility to obtain the data).

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No ecological testing has been conducted on this product.
Aquatic Vertebrate:	(Fish) Component: D&C Red No. 6 Barium Lake; LC50, 96 hours, >100 mg/L (similar materials). (Fish) Component: Barium sulfate; LC50, 96 hours, >174 mg/L.
Aquatic Invertebrate:	(Invertebrates) Component: D&C Red No. 6 Barium Lake; EC50, 48 hours, >100 mg/L (similar materials). (Invertebrates) Component: Barium sulfate; EC50, 48 hours, 14500 ug/L.
Terrestrial:	(Algae) Component: D&C Red No. 6 Barium Lake; EC50, 72 hours >100 mg/L (similar materials). (Algae) Component: Barium sulfate; EC50, 72 hours >100 mg/L.
Persistence and Degradability:	Component: D&C Red No. 6 Barium Lake: Not expected to be readily biodegradable.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Dispose of waste (incinerate) in a RCRA permitted hazardous waste disposal facility. Barium: This product contains barium compounds (EPA Hazardous Waste No. D005, 40CFR261.24). You must determine by
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appropriate test if any waste exhibits the characteristic of TCLP Toxicity. 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 regulated.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.
ADR/RID (EU Road and Rail Transportation):	Not regulated.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed. This product is not subject to TSCA 12(b) reporting requirements.
OSHA:	This SDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA Reportable Quantity:	Not Applicable.
Canada:	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.
SARA 313:	This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372: D&C Red No. 6 Barium Lake Resin acids and rosin acids, barium salts.
California Prop 65:	None known to be present or none in reportable amounts for occupational exposure.
Mexico:	This SDS contains the information required by NOM-018-STPS-2000 Workplace Hazardous Chemical Substances Communication and Identification Standard.
EU (EINECS/ELINCS):	Listed on EINECS. Not listed on ELINCS.
EU (REACH):	Not all applicable components are pre-registered or registered. REACH is only relevant to substances either manufactured or imported into the EU. REACH information regarding this product is provided for informational purposes only. Each Legal Entity may have differing REACH obligations, depending on their place in the supply chain. For material manufactured outside of the EU, the importer of record must understand and meet their specific obligations under the regulation.
Japan (ENCS/ISHL):	Not listed.
Philippines (PICCS):	Listed.
Korea (KECL):	Listed.
Taiwan:	Listed.
New Zealand (NZIoC):	Listed.

16 OTHER INFORMATION

Revision Date:	14-Jan-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.