

Red No. 7 D&C Lake

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

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Red No. 7 D&C Lake	Distributor:	MakingCosmetics Inc.
Synonyms:	CI 15850 (D&C Red No. 7)	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	CI 15850 (D&C Red No. 7)	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	5281-04-9	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Powder		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

OSHA/HCS status:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		
GHS Classification:	COMBUSTIBLE DUSTS		
GHS Labeling:	Not a dangerous substance according to GHS		
GHS Hazard Pictograms:	None		
Signal Word:	Warning		
GHS Hazard Statements:	My form combustible dust concentrations in air.		
GHS Precautionary Statements:	None		
Potential Health Hazards:	Eyes: May be irritant. Inhalation: May be irritant. Skin: Not irritant. Ingestion: May be irritant		
NFPA Ratings (704):	Health	1	Slight
	Flammability	0	Minimal
	Reactivity	0	Minimal
	Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
CI 15850 (Dye Content)	5281-04-9	30 - 65%	Not Available
Calcium Resinate	9007-13-0	25 - 50%	Not Available
barium sulfate	7727-43-7	10 - 20%	Not Available

4 FIRST AID MEASURES

Eyes:	Remove contact lenses, if present and easy to do. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
Inhalation:	If difficulties occur after dust has been inhaled, remove victim to fresh air. Seek medical attention if symptoms occur. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
Skin:	Remove contaminated clothing and shoes. Wash skin with soap and water or use recognized skin cleanser. Seek medical attention if symptoms occur.
Ingestion:	Keep person warm and at rest. Wash out mouth with water. If swallowed, drink plenty of water. Seek medical attention. Do not induce vomiting!
Notes to physician:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use dry chemical powder. adjacent fire. Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available.
Specific hazards arising from the chemical:	May form explosible dust-air mixture if dispersed. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and material for containment and cleaning up:	Small spill: Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Large spill: Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Wear appropriate respirator when ventilation is inadequate. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place. Store in cool, dry well-ventilated area. Keep away from heat, direct sunlight, and incompatible materials (see section 10 for incompatibilities). Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination. Do not reuse container.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
barium sulfate	5 mg/m ³ 8 hours	TWA Inhalable fraction	ACGIH TLV
	5 mg/m ³ 10 hours	TWA Respirable fraction	NIOSH REL
	10 mg/m ³ 10 hours	TWA Total	NIOSH REL
	5 mg/m ³ 8 hours	TWA Respirable fraction	OSHA PEL 1989
	10 mg/m ³ 8 hours	TWA Total dust	OSHA PEL 1989
	5 mg/m ³ 8 hours	TWA Respirable fraction	OSHA PEL
	15 mg/m ³ 8 hours	TWA Total dust	OSHA PEL

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

Appropriate engineering controls:	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
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Environmental exposure controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Personal Protection:	
Eyes:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Hands:	
Inhalation:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.
Body:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid (powder)	Vapor Pressure:	No data available
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Red	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	No data available	Freezing Point:	No data available
Relative Density:	1.88	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Solubility:	Insoluble in the following materials: cold water, hot water, methanol, diethyl ether, n-octanol and acetone.

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
Incompatible Materials:	Strong reducing/oxidizing agents destroy the dye.
Hazardous Decomposition Products:	None known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Calcium Resinate: Acute oral toxicity (LD50): >2000 mg/kg Calcium Resinate: Acute dermal toxicity (LD50): >2000 mg/kg
Skin:	No known significant effects or critical hazards.
Eyes:	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. Adverse symptoms may include the following: irritation, redness
Respiratory:	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. Adverse symptoms may include the following: respiratory tract irritation, coughing
Ingestion:	No known significant effects or critical hazards.
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Calcium Resinate: OECD 471 Bacterial Reverse Mutation Test, Subject: BacteriaMetabolic activation: with and without metabolic activation. Result: negative. Subject: Mammalian-Animal Metabolic activation: with and without metabolic activation, Result: negative. OECD 473 Genetic Toxicology: In vitro Mammalian Cytogenetic Test, Subject: Mammalian-Animal Metabolic activation: with and without metabolic activation, Result: negative
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	Calcium Resinate: Rat - Male, Female, dose: Oral:1000 ppm 1000,3000 and 10000 ppm (Parent)
Respiratory/Skin Sensitization:	No data available
Sensitization:	Calcium Resinate: Skin, not sensitizing, (mouse)
Irritation/Corrosion:	Calcium Resinate: Skin - non-irritant (species rabbit), Eyes - non-irritant non-irritant (species rabbit)
Repeated Dose Toxicity:	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Calcium Resinate: Fish - Brachydanio rerio 96h. Result: LC50 1 mg/l
Aquatic Invertebrate:	Barium Sulfate: Crustaceans - Cypris subglobosa 48h. Result: Acute EC50 634 mg/l Fresh water Calcium Resinate: Daphnia magna, 48h. Result: EC50 1.6 mg/l Barium Sulfate: Daphnia - Daphnia magna, 48h. Result: Acute EC50 32 mg/l Fresh water Calcium Resinate: Selenastrum capricornutum, 72h. Result: EC50 39.6 mg/l
Aquatic Plants:	Calcium Resinate: -activated sludge of a predominantly domestic sewage, 3h. Result: EC50 >10000 mg/l
Micro-organism:	
Persistence and Degradability:	Calcium Resinate: Test: OECD 301B Production of CO2, Result: 89 % - 28 days. Inoculum: activated sludge, domestic, non-adapted, Conclusion/Summary: Procedure used to derive the classification: Calculation method. Readily biodegradable
Bioaccumulative Potential:	Calcium Resinate: LogPow _{ow} : 3.01, BCF: 23 - 129, Potential: low
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No known significant effects or critical hazards.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. This material and its container must be disposed of in a safe way. 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.
Product Containers:	Care should be taken when handling emptied containers that have not been cleaned or rinsed out. 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.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed as CI 15850.
SARA 313:	None identified.
Massachusetts:	The following components are listed: barium sulfate (7727-43-7)
New York:	None of the components are listed.
New Jersey:	The following components are listed: Calcium Resinate (9007-13-0), barium sulfate (7727-43-7)
Pennsylvania:	The following components are listed: barium sulfate (7727-43-7)
California Prop. 65:	None identified
DSDL (EEC):	No data available.
Canada inventory:	All components are listed or exempted.
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	All components are listed or exempted.
Australia AICS:	All components are listed or exempted.
Japan ENCS:	All components are listed or exempted.
Philippines PICCS:	All components are listed or exempted.
Korea KECL:	All components are listed or exempted.
New Zealand NZIoC:	All components are listed or exempted.
Taiwan TCSI:	All components are listed or exempted.
Turkey Inventory:	All components are listed or exempted.

16 OTHER INFORMATION

Revision Date:	08-Mar-2023
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.