



## SAFETY DATA SHEET (SDS)

According to OSHA HazCom Standard 29 CFR 1910.1200 (g), Rev 2012 and GHS Rev 03  
Revision No. 0, Revision Date: 04-March-20

Product: D&C Red 27 Aluminum Lake

### SECTION 1: Product Identification Information

#### Product identifiers:

Product Name: D&C Red 27 Aluminum Lake

INCI No: CI 45410:2

C.I. No.: 45410:2

**Intended Use of the Product:** Cosmetics and cosmetic-related products

#### Name, Address, and Telephone of the Responsible Party:

Distributor: Telephone +1 (501) 470-9689  
Chemistry Connection  
253 Sturgis Rd  
Conway AR 72034 USA

### SECTION 2: Hazards Identification

#### Classification of the substance or mixture

2.1 Environmental Hazards : N/A

2.2 Human Health Hazards: N/A

**Other Hazards:** When involved in a fire or when exposed to high temperatures for an extended period, it may burn to give off noxious fumes of oxides of chlorine, bromine, carbon and other toxic compounds

**Unknown acute toxicity (GHS US):** No data available

### SECTION 3: Composition/Information on Ingredients

#### Substances

Name	Product Identifier CAS No.	Weight%	EINECS No.
D&C Red No 27 AL Lake	84473-86-9	100%	282-941-9

**Hazardous ingredients:** None of the ingredients of this material meet the definition of hazardous chemical 29 CFR1910.1200.

### SECTION 4: First Aid Measures

#### Description of first aid measures

**First Aid Measures General:** Remove contaminated clothing

**First-aid measures after inhalation:** Remove to fresh air. If breathing is difficult, give oxygen and seek medical attention.

**First-aid measures after skin contact:** Wash affected area thoroughly with soap and water. Remove severely contaminated clothing and clear before reuse. If any irritation develops, consult a Physician.

**First-aid measures after eye contact:** Check for contact lenses, remove. Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.

**First-aid measures after ingestion:** Do NOT induce vomiting, loosen tight clothing. Do not give anything by mouth to an unconscious person – seek immediate medical attention.

**Indication of any immediate medical attention and special treatment needed:**

No additional information

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## SECTION 5: Firefighting Measures

### Extinguishing media

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical or foam recommended, apply water spray to cool exposed closed container.

**Unsuitable Extinguishing Media:** N/A

**Special hazards arising from the substance or mixture:** NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS. AVOID DUSTING.

**Fire Hazard:** Fire or excessive heat may produce hazardous decomposition products.

**Explosion Hazard:** Airborne organic pigment dust may be an explosion hazard. Fire or excessive heat may produce hazardous decomposition products.

**Reactivity:** N/A

### Advice for firefighters

**Firefighting Instructions:** WEAR SELF-CONTAINED BREATHING APPARATUS.

**Protection during firefighting:** Wear fully protective suit.

## SECTION 6: Accidental release measures

**Environmental precautions:** Avoid any uncontrolled release of material. Do not empty into drains or the aquatic environment. Product can generate dust, ventilation is not required but is recommended in high dusting areas.

### Methods and materials for containment and cleaning up

**For containment:** Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers.

**For cleaning up: Small Spill:** For dry powder spills, inert material such as sand may be added to control dusting prior to clean up. Industrial grade vacuum sweeper are also recommended. Place spilled material into appropriate designated waste container for disposal requirements. **Large Spill:** Contain spilled material immediately with inert substance such as sand or earth. Use plastics or aluminum shovel to transfer diluted waster material into appropriate waster container for disposal. Airborne organic pigment dust may be an explosion hazard. Secure possible sources of ignition and avoid dusting.

**Wet Spill:** If wet, surfaces exposed to a spill may become slippery or sticky. Spills should be thoroughly flushed with soapy water until all apparent color is removed.

## SECTION 7: Handling and storage

**7.1. Handling :** Avoid exposure to skin and eye. Good standards of safe working practice and industrial hygiene should be observed.

**7.2. Storage :** Store at ambient temperature in tightly closed containers in dry, well ventilated areas away from direct source of heat.

**7.3. Suitable Packaging Materials:** HDPE Drums, PE Bags

## SECTION 8: Exposure controls / personal protection

### 8.1a. Exposure Limits (Vapors, Dust, etc. EH 40)

	LTEL (Respirable) mg/m <sup>3</sup>	LTEL (Total Dusts) mg/m <sup>3</sup>	(STEL) mg/m <sup>3</sup>
D&C Red 27 AL Lake (Each) (Para 40)	4	10	20
Ammonium Oxide	4	10	-

**8.2b. MAK (Germany):** No data available

### 8.2. Person Protections

**a. Respiratory System Protection:** None required, but dust masks are suggested.

**b. Skin and Body Protection:** NIOSH Approved dust respirators are recommended when handling in areas of high pigment dust. Impervious clothing should be worn when cleaning up large spills.

**c. Hand Protection:** Rubber gloves may be used.

**d. Eye Protection:** Safety glasses/goggles may be used.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	
Physical state, appearance, color, odor	Powder, Red
Odor Threshold:	Odorless
pH:	4-6
Melting Point/Freezing Point:	No data
Initial boiling point/boiling range:	Not applicable
Flashpoint:	Not applicable
Evaporation rate:	No data
Flammability (solid, gas):	Not available
Upper explosive limits:	Not applicable
Lower explosive limits:	Not applicable
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	Not available
Solubility in water:	Insoluble
Partition coefficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity, dynamic	No data
Viscosity, cinematic	No data
Explosive properties	N/A
Oxidizing properties	N/A

### Other information

No additional information available

## SECTION 10: Stability and reactivity

**Reactivity:** No data

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** No data

**Conditions to avoid:** Oxidizing, reducing agents or addition of mineral acids to a solution may destroy color. Avoid excessive moisture.

**Incompatible materials:** OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

**Hazardous decomposition products:** When involved in a fire, burning organic pigments may evolve noxious gases which are toxic. These compounds may include CO, CO<sub>2</sub>, nitrous oxides, or hydrogen chloride, hydrogen bromide, and oxides of chlorine and bromine depending on the pigment type.

**CAUTION:** Lake colours are soluble in dilute acids and alkalis.

## SECTION 11: Toxicological Information

### 11.1 Acute Toxicity

- LD50: No information available
- Dermal (LD50): No data available
- Inhalation (LC50): Not expected to be an inhalation hazard. Excessive levels of dust may result in discomfort after repeated or prolonged exposures.

11.2. Skin Irritation: Irritation not expected

11.3. Eye Irritation: Irritation not expected. However, dust may cause discomfort.

11.4. Chronic Toxicity: No data available

11.5. Carcinogenicity: No data available

11.6. Ingestion: No adverse effect known

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## SECTION 12: Ecological information

### Toxicity:

NO DATA AVAILABLE.

**Comment:** This product has not been evaluated for its Ecotoxicity. However, the biodegradation of organic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since organic pigments are mostly insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

**Persistence and degradability:** No Data Available

**Bioaccumulative potential:** No Data Available

**Mobility in soil:** No Data Available

**Other adverse effects:** No additional information available

## SECTION 13: Disposal considerations

### Waste treatment methods

**Regional legislation (waste):** Dispose of only in an approved land-fill area or by controlled incineration in accordance with local and State regulations.

**Waste disposal recommendations:** Empty bags thoroughly. Carry out the proper recycling, re-usage or disposal. Please refer to the relevant EU regulations, in particular the guidelines/ decisions of the council regarding handling of wastes (e.g. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) as implemented in national regulations. Do not empty into drains.

## SECTION 14: Transport information

**Non-hazardous substance for transportation.**

## SECTION 15: Regulatory information

- 1. EC Regulations:** Permitted cosmetic colour as per rules & regulations. [76/768/EEC]
- 2. EC classification:** Not Applicable
- 3. Label Name:** D&C Red No. 27 AL Lake
- 4. Hazard Symbols:** Not Applicable, It is a permitted cosmetic colour & non-hazardous, if used as per regulations.
- 5. Risk Phrases:** Not Applicable, It is a permitted cosmetic colour & non-hazardous, if used as per regulations.
- 6. Safety Phrases:** Use personal protective equipment while handling, avoiding excess exposure to atmosphere and strong reducing agents.

## SECTION 16: Other information

THIS PRODUCT SHOULD BE STORED, HANDLED AND USED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGEINIC PRACTICES AND IN CONFORMITY WITH ANY LEGAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE AND IS INTENDED TO DESCRIBE OUR PRODUCTS FROM THE POINT OF VIEW OF HEALTH AND SAFETY REQUIREMENTS. IT SHOULD NOT THEREFORE BE CONSTRUED AS GUARANTEEING SPECIFIC PROPERTIES.

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