

C19-022 SunCROMA® D&C Red 6 Ba Lake

REGULATORY COMPLIANCE:

U.S. FDA CFR 21 §74.2306 - FDA Certified

EU (EC) No 1223/2009 – Annex IV (E180) *as per Commission Regulation (EU) No 231/2012*

Japan – Not Permitted

China 2007 Hygienic Standard for Cosmetics

ASEAN Cosmetic Directive, Annex IV, Part 1

Brazil ANVISA RDC No 44, August 2012

IDENTIFICATION DATA

U.S. Government Name:

D&C Red No. 6 Barium Lake

Chemical Name:

Barium salt 3-Hydroxy-4-[(4-Methyl-2-Sulfophenyl) Azo]-2-Naphthalene-Carboxylic Acid

INCI Name:

US:

Red 6 Lake

EU:

CI 15850

EINECS No.:

241-806-4

C.A.S. No.:

17852-98-1

Dye Content:

17 % Average

Substratum:

Barium Sulfate & Rosin

SPECIFICATIONS

Heavy Metals

Sb < 10 ppm	Ba < 500 ppm*	Cr < 20 ppm	Cu < 20 ppm	Hg < 1 ppm	Se < 3 ppm
As < 2 ppm	Cd < 1 ppm	Co < 5 ppm	Pb < 2 ppm	Ni < 10 ppm	Zn < 100 ppm

*as per US FDA Certification requirements

Chinese Hygiene Standards for Cosmetics (2007)

Color Index Number	US INCI NAME	Allowed Field of Application	Other Limitations and Requirements	Results
EU, China, ASEAN, Brazil INCI Name CI 15850	Red 6 Lake	1 – Various Cosmetics	2-Amino-5-methylbenzenesulfonic acid, calcium salt does not exceed 0.2%; 3-hydroxy-2-naphthalene carboxylic acid, calcium salt does not exceed 0.4%; non-sulfonated aromatic primary amine does not exceed 0.01% (calculated as aniline)	Compliant

Physical Form and Appearance:

Yellow-shade Red Dry Powder

CIE Lab Color Measurement:

DE ≤ 1.4, Strength 95-105%

Microbiology Specifications:

≤ 100 CFU/g Bacteria

≤ 100 CFU/g Yeast & Mold combined

No Pathogens

“Although the data supplied above are believed to be correct, the data are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that before purchase the buyer test the product in the specific intended application under conditions expected during use. Suggestions made by Sun Chemical Corporation are our opinion only and there is no warranty of the results to be obtained.”

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RESISTANCE PROPERTIES

The chemistry and application of the pigment determines the resistance property. The Resistance properties are general guides based on its performance versus other pigments used in the Cosmetic industry.

Heat:	130 °C Maximum
Light:	Good
Acid (Dilute):	Fair
Alkali (Dilute):	Poor
Solvent:	Good

SHELF LIFE: Ten years, provided it is stored in dry, clean, opaque sealed containers at room temperature (< 25 °C). For storage conditions see product Safety Data Sheet.

USE RESTRICTIONS: C19-022 SunCROMA® D&C Red 6 Barium Lake is approved for use in the United States in cosmetic products **EXCLUDING** the area of the eye. It is not permitted for use in Japan. C19-022 may be used in cosmetic products in Europe, China, ASEAN and Brazil. It may be used in amounts consistent with current good manufacturing practice.

COUNTRY OF ORIGIN: USA

GENERAL PRODUCT INFORMATION:

C19-022 is synthetically derived and is not manufactured using raw materials of plant or animal origin, wheat or other grains; therefore it is considered to be Bovine Spongiform Encephalopathy (BSE), Genetically Modified Organisms (GMO) and gluten free. Also, the product does not contain any Palm Oil, preservatives, pesticides or any of the 26 allergens listed in the EU Regulation No 1223/2009 as intentional ingredients. C19-022 does not use any solvents (Class 1, Class 2, Class 3, or Class 4) as defined by USP <467> during its manufacture. It also does not contain any known or intentional amounts of Aflatoxin / Dioxin, phthalates or any of the other materials listed below. However, this product has not been analyzed by Sun Chemical for these substances and no actual data is available.

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|------------------------------------|-------------------------------|-------------------------------|---------------------------------|
| • Nitrosamines & Aromatic Amines | • Diethylene Glycol | • Acrylamide | • 1-4 Dioxane |
| • Polycyclic Aromatic Hydrocarbons | • Ethylene Oxide | • Glycol Ether | • Formaldehyde |
| • Butyl Benzyl Phthalate (BBP) | • Diethyl Phthalate | • Dibutyl Phthalate (DBP) | • Diethylhexyl Phthalate (DEHP) |
| • Diisononyl Phthalate (DINP) | • Di-n-octyl Phthalate (DNOP) | • Diisodecyl Phthalate (DIDP) | |

Sun Chemical Corporation has not performed animal testing on this product. Additionally, it is not classified as CMR under current EU directives.

Please refer to the Safety Data Sheet for the global inventory status of this product.

Revision: 1/15/2014
Supersedes: 8/1/2013

Technical Data Sheet is computer generated and therefore valid without signature.

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