

## D & C RED 6

4.FD.006200

*Hue:* **YELLOWISH RED**  
*Chemical Family:* **LITHOL RUBINE**  
*CAS Number:* **5858-81-1**  
*Appearance / Odor:* **POWDER, NO ODOR**  
*Color Index Name:* **PIGMENT RED 057**  
*Color Index Number:* **15850**  
*INCI Name:* **CI 15850 - Red 6**

*Particle Size:* **<7 Micron**  
*Einecs Number:* **227-497-9**  
*Molecular Weight:* **430.34**  
*Pure Dye Content, (%):* **90-100**  
*Light Fastness:* **4-5 (good)**  
*Heat Stability:* **ND**  
*REACH Compliance:* **05 -2117992944-22-0000**

*Antimony:* **NOT DETECTED**  
*Arsenic:* **<3 PPM**  
*Barium:* **NOT DETECTED**  
*Cadmium:* **<1 PPM**  
*Chromium:* **NOT DETECTED**  
*Cobalt:* **NOT DETECTED**  
*Copper:* **NOT DETECTED**  
*Lead:* **<20 PPM**  
*Mercury:* **<1 PPM**  
*Nickel:* **NOT DETECTED**  
*Selenium:* **NOT DETECTED**  
*Zinc:* **NOT DETECTED**

*TSCA Status:* **IN COMPLIANCE**

*Microbiological Analysis:* **TOTAL VIABLE BACTERIAL COUNT: <1000cfu/g**  
**TOTAL YEAST FUNGI (MOLD) COUNT: <100cfu/g**  
**STAPHYLOCOCCUS AUREUS: ABSENT IN 10g**  
**E-COLI: ABSENT IN 10g**  
**SALMONELLA: ABSENT IN 10g**  
**PSEUDOMONAS: ABSENT IN 10g**

Uses: *Use Statement:*

*The combined total of D&C RED No. 6 and D&C RED No. 7 must not exceed 5mg per daily dose of a drug. Cosmetics - consistent with Good Manufacturing Practices.*

Regulatory:

- \* U.S. FDA CFR 21 §74.2101 - FDA Certified
- \* EU Cosmetics Directive 76/768/EEC and new EU Cosmetic Products Regulation (EC) No 1223/2009
- \* Japan MHLW Ordinance No. 126 of July 29, 2003 - Coal-Tar Colors - CHECK WITH LOCAL REGULATIONS FOR INSTRUCTIONS ON SPECIFIC FOOD APPLICATIONS
- \* Chinese Hygiene Standards for Cosmetics (2007)
- \* ASEAN Cosmetic Directive, Annex IV, part 1 - allowed to use in Cosmetic as per field of Application 1.



Shelf Life\*: 8 years (unopened container)

\*Shelf Life Statement:

*Spectra Colors Corp. states that this product is considered good indefinitely as long as the original seal is intact, the original label is still intact and legible, and the container is in good condition and has not been compromised. Keep all opened containers tightly sealed, in an area that is secure, clean, and with ambient temperatures.*

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