

D & C YELLOW 10

1.FD.010000

Hue: **Bright Greenish Yellow**
Chemical Family: **QUINOLINE DYE**
CAS Number: **8004-92-0**
Color Index Name: **FOOD YELLOW 13**
Color Index Number: **47005**
Appearance / Odor: **POWDER, NO ODOR**
Maximum Absorbance (nm+/-5nm): **412**
Molecular Weight: **477.37**
pH: **8.0 - 9.0**
Pure Dye Content, (%): **>85%**
Light Fastness: **3 (fair)**
REACH Compliance: **05-2114650054-58-0000**
Arsenic: **<3ppm**
Lead: **<20ppm**
Mercury: **<1ppm**

Solubility: **Marginal solubility in Alcohols**
TSCA Status: **IN COMPLIANCE**

Uses: **USE STATEMENT;**
Drugs & Cosmetics - consistent with current Good Manufacturing Practice.

Regulatory: **21CFR Part 74.1710, 74.2710**
Field of Application Definition, as per EC directive 76/768/EEC for use of colours in cosmetics: 1- Colouring agents allowed in all cosmetic products.
Permitted for Cosmetic and Toiletry applications in Korea

Expiration Date: **Indefinite***

Microbiological Analysis: **Spectra declares that the typical level of micro biological organisms will be as per below levels in our synthetic food, drug and cosmetic colorants. Though microbiological limits are not included in any legislations, as part of good manufacturing practices (GMP), we establish these levels as a benchmark.**

TOTAL VIABLE BACTERIAL COUNT	<1000cfu/g
TOTAL YEAST FUNGI (MOLD) COUNT	<100cfu/g
TEST FOR PRESENCE OF STAPHYLOCOCCUS AUREUS	ABSENT IN 10g
TEST FOR PRESENCE OF E-COLI	ABSENT IN 10g
TEST FOR PRESENCE OF SALMONELLA	ABSENT IN 10g
TEST FOR PRESENCE OF PSEUDOMONAS	ABSENT IN 10g

WARRANTY, DISCLAIMER OF WARRANTIES AND LIMITATIONS OF REMEDY: SPECTRA COLORS CORP. makes every effort to assure that the information herewith enclosed in this transmission is accurate and current, to the best of our knowledge. Beyond the scope of these claims, Spectra Colors makes no promises as to the performance of our products in our customers finished applications; neither can we anticipate end-use characteristics. Likewise it is the end-user's responsibility to assure that Spectra Colors dye products are in compliance with all local, federal and global regulations regarding the storage, the use and the disposal of these same dye products. Spectra Colors Corp. provides these materials for informational purposes only and does not hereby make any express or implied warranty regarding merchantability, fitness for a particular purpose, regulatory compliance, or any other matter.

*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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