**Product Data Sheet**

**Canthaxanthin 10% DG**

**Product Identification**

- **Product Code**: HNCX10A
- **Chemical Name**: 2,4,4-Trimethyl-3-[(1E,3E,5E,7E,9E,11E,13E,15E,17E)-3,7,12,16-tetramethyl-18-(2,6,6-trimethyl-3-oxo-1-cyclohexenyl)octadeca-1,3,5,7,9,11,13,15,17-nonaenyl]-1-cyclohex-2-enone
- **Chemical Formula**:

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- **Synonyms**: Canthaxanthin
- **CAS Number**: 514-78-3
- **EINECS Number**: 208-187-2
- **E number**: E161g
- **Empirical Formula**: C_{40}H_{52}O_{2}
- **Molecular Mass**: 564.82 g/mol

**Product Description**

Canthaxanthin 10% DG contains finely dispersed Canthaxanthin in a matrix of modified starch and corn oil. DL-a-tocopherol and ascorbic acid are added as antioxidants. The coating contains white particles of corn starch which may be visible in the product.

- **Appearance**: Free-flowing violet brown powder
- **Fineness**: min. 100% through sieve No. 20
  - min 85% through sieve No. 40
  - max. 15% through sieve No. 100
- **Loss on Drying**: Max 8.0%
- **Canthaxanthin Assay**: min. 10.0 % w/w
- **Color Intensity**: min. 110
- **Microbiological Purity**: Corresponds

**Dispersibility**

Canthaxanthin 10% DG is dispersible in water. A suitable stock solution for a concentration of 2% of Canthaxanthin 10% DG can be prepared by slowly adding the desired quantity of powder to cold or warm water under continuous agitation.

**Stability and Storage**

Canthaxanthin 10% DG is sensitive to air, heat, light and humidity. The product may be stored for 24 months from the date of manufacture in the unopened original container and at room temperature. The “retest” date is printed on the label. Keep container tightly closed. Use contents quickly when opened.

**Uses**

Used as a coloring agent for beverage, instant products, dairy products, puddings, confectionary, bakery, sorbet and other water-based foods and pharmaceutical preparations.
Packaging
20 kg aluminum bag in box

Certificates
Kosher; Non GMO; no ingredients of known allergenic potential; Vegetarian Formula

Country of Origin
India

Safety
This product is safe for the intended use. Avoid direct contact or ingestion through applicable protective measures and personal hygiene. For complete safety information and necessary precaution, please consult the respective Divi’s Laboratories Safety Data Sheet.

About Divi’s Laboratories
As a multinational company, Divi’s Laboratories, has been serving the global pharmaceutical, nutraceutical and food markets for over 25 years. Our manufacturing facilities, located in India, are certified under ISO 9001, ISO 14001, OHASAS 18001 and FSSC 22000. The plants operate under HACCP guidelines with additional FDA inspection. As part of Divi’s dedication to quality and innovation, a team of over 200 scientists make up our departments of Quality, Research & Development. This team provides support and collaboration with external partner, suppliers and customers.

The Divi’s Difference
Divi’s Nutraceuticals has a fully validated and backward integrated manufacturing process, from molecule to finished form. This approach means flexibility, reliability and the best total value for our customers.

For more information about Divi’s Nutraceuticals or any of our products, please visit us at www.divisnutraceuticals.com

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