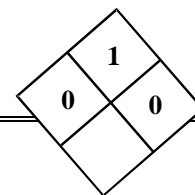


MATERIAL SAFETY DATA SHEET for FLORABEADS® CARNAUBA



See pg. 2 for definitions

1. Product and Company Identification

SUPPLIER PRODUCT NAME: FLORABEADS CARNAUBA
INCI NAME: Copernicia Cerifera (Carnauba) Wax
MANUFACTURER: Floratech® Americas
291 East El Prado Court, Chandler, Arizona 85225
Floratech Asia: 6 Fl., No. 360, Ruei Guang Road
Neihu, Taipei, Taiwan, ROC
Floratech EU: Via Tanaro 15, 20017 Rho
Milan, Italy

Phone: 480-545-7000
Fax: 480-892-3000
Phone: 886 2 8751 6060
Fax: 886 2 8751 6363
Phone: 39 02 93 04946
Fax: 39 02 93 50 8238

2. Composition/Information on Ingredients

Wax microspheres
derived from *Copernicia cerifera*

CAS number: 8015-86-9
EINECS number: 232-399-4
JSCI number: 002087

May contain one or more of the following pigments, as indicated on the certificate of analysis:

Pigment	CAS #	CI #	Pigment	CAS #	CI #	Pigment	CAS #	CI #
Chromium hydroxide green	12001-99-9	77289	Red 30	2379-74-0	73360	Talc	14807-96-6	77718
Ferric ferrocyanide	25869-00-5	77510	Titanium dioxide	13463-67-7	77891			
Red 7	5281-04-9	15850:1	Yellow 5 Lake	12225-21-7	19140:1			

3. Hazards Identification

HUMAN: Eye contact may cause irritation. Unlikely to cause skin irritation unless exposure is excessive and/or prolonged. Unlikely to cause harm, apart from a laxative effect, if swallowed. The dust may irritate nose and throat. Information based on the properties of the material present.

ENVIRONMENTAL: This material is readily biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms by oxygen depletion caused by rapid biodegradation.

4. First Aid Measures

INHALATION: Remove from area of exposure; seek medical attention if symptoms persist.
INGESTION: Call physician for advice.

EYE CONTACT: Irrigate with heavy stream of water for at least 15 minutes.
SKIN CONTACT: Wash exposed area with soap and water.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Water spray, dry chemical, foam, CO₂, and other standard extinguishing media for oil.

SPECIAL FIRE FIGHTING PROCEDURES: Combustible material. Use air supplied equipment for fighting interior fires. Cool fire exposed containers with water.

6. Accidental Release Measures

PERSONAL PRECAUTIONS: NOT relevant.
ENVIRONMENTAL PRECAUTIONS: Contain and collect spillage.

METHODS FOR CLEANING UP: Remove sources of ignition. Contain spill to smallest possible area; sweep up spilled material. Area may be slippery; take precautions.

7. Handling and Storage

PREVENTION OF USER EXPOSURE: Wear safety glasses.
INCOMPATIBLE PRODUCTS: Keep away from oxidizing agents, excessive heat, and sources of ignition.
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizers.

SUITABLE STORAGE CONDITIONS: Store in closed containers below 40°C in well ventilated areas. Ground container when dispensing.
CONDITIONS TO AVOID: Do not store or use near heat, sparks, or flame and store out of sun. Never use pressure to empty. Do not puncture, drag, or slide container.
VENTILATION: Handle in a well ventilated area.

Product Name: FLORABEADS CARNAUBA

8. Exposure Control/Personal Protection

RESPIRATORY PROTECTION: Not normally required.
Dust mask recommended.

EYE PROTECTION: Safety goggles. Avoid eye and prolonged skin contact.

9. Physical And Chemical Properties

PHYSICAL STATE:	Solid	VAPOR DENSITY:	N/A
FORM:	Particles	FLASH POINT (Cleveland open cup):	290°C
COLOR:	Varies w/ pigment	VAPOR PRESSURE:	N/A
ODOR:	Almost none	SOLUBILITY IN H ₂ O:	Insoluble
MELTING POINT:	82°C	VOLATILES (%):	nil
SPECIFIC GRAVITY @ 25°C:	~1	BOILING POINT, 760 mm Hg:	>225°C

10. Stability and Reactivity

STABILITY: Stable
MATERIALS TO AVOID: Strong oxidizers
CONDITIONS TO AVOID: Excessive heat, sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS:
Combustion produces carbon monoxide, carbon dioxide, and thick smoke. In general, products of combustion (such as organic materials) may be irritating and toxic.

11. Toxicological Information

Eye contact may cause irritation. Prolonged skin contact may cause skin irritation.
Inhalation of dust may irritate the respiratory tract.
Ingestion of a single dose unlikely to cause harm.

12. Ecological Information

No ecological hazards are associated with this product.

13. Disposal Considerations

US: Discarded product is not a hazardous waste under RCRA, 40 CFR 261.
EC: Dispose of material in accordance with appropriate regulations.

14. Transport Information

US: NMFC classification #144920 (Fatty acid esters of vegetable, fish or animal oils, NOI, solidified/hydrogenated in bags boxes or drums).
EC: Not classified according to ADR/RID (Land – Road), ADN (inland waterways), IMDG (sea), or IATA (air).

15. Regulatory Information

US: This material is intended to be used as a cosmetic ingredient and is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used as such. Do not use for other purposes. All ingredients not confirmed on the TSCA Chemical Substance Inventory.
EC: This product is not classified as "Dangerous" according to the health and physical properties criteria of the EU Directives on the classification of substances and preparations.

16. Other Information

This product does not contain any chemicals subject to the reporting requirements of 40 CFR 355, 370, and 372 (SARA Section 313).

This information is accurate to the best of Floratech's knowledge and is based on information considered to be reliable. It is furnished without warranty. Customers should assess the safety of their final products and satisfy themselves that no patents are being infringed. Floratech® is a registered trademark of International Flora Technologies, Ltd.

HMIS Definitions	
Health Hazard	Fire Hazard - Flash Points
4 Deadly	4 Below 73°F
3 Extreme danger	3 Below 100°F
2 Hazardous	2 Above 100°F not exceeding 200°F
1 Slightly hazardous	1 Above 200°F
0 Normal material	0 Will not burn
Specific Hazard	Reactivity
ACID - Acid	4 May detonate
ALK - Alkali	3 Shock & heat may detonate
COR - Corrosive	2 Violent chemical change
OXY - Oxidizer	1 Unstable if heated
P - Polymerizer	0 Stable
RAD - Radioactive	
NW - Use no water	