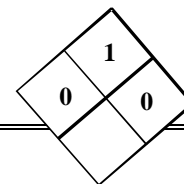


MATERIAL SAFETY DATA SHEET for FLORABEADS® JOJOBA



See pg. 2 for definitions

1. Product and Company Identification

SUPPLIER PRODUCT NAME: FLORABEADS JOJOBA
Exfoliant for use as an ingredient in cosmetic and personal care applications

INCI NAME: Jojoba Esters

EMERGENCY TELEPHONE: 1-480-545-7000, Monday thru Friday, 7AM – 5PM, Mountain Standard Time

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Floratech EU: Via Tanaro 15, 20017 Rho Phone: 39 02 93 04946
Milan, Italy Fax: 39 02 93 50 8238

2. Hazard Identification

This substance and/or mixture are not classified as hazardous or dangerous according to (EC) 1272/2008, 67/548/EEC or 1999/45/EC. This substance and/or mixture does not meet the criteria for PBT or vPvB.

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. 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.

3. Composition/Information on Ingredients

Fully saturated jojoba esters derived from
Simmondsia chinensis oil

CAS number: 61789-91-1
EINECS number: 296-292-4
JCIC number: 520591

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

Pigment	CAS #	CI #	Pigment	CAS #	CI #	Pigment	CAS #	CI #
Blue 1 Lake	68921-42-6	42090:2	Iron Oxide (Yellow)	51274-00-1	77492	Yellow 5 Lake	12225-21-7	19140:1
Chromium Hydroxide Green	12001-99-9	77289	Red 30	2379-74-0	73360	Chromium Oxide Green	1308-38-9	77288
Ferric Ferrocyanide	14038-43-8	77510	Talc	14807-96-6	77718			
Iron Oxide (Black)	1317-61-9	77499	Titanium Dioxide	13463-67-7	77891			
Iron Oxide (Red)	1309-37-1	77491	Ultramarines	57455-37-5	77007			

4. First Aid Measures

INHALATION: Remove from area of exposure; seek medical attention if symptoms persist.

EYE CONTACT: Irrigate with heavy stream of water for at least 15 minutes.

INGESTION: Call physician for advice.

SKIN CONTACT: Wash exposed area with soap & 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 powder. 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

For use as an ingredient in cosmetic and personal care applications

PREVENTION OF EXPOSURE: Wear safety glasses.

VENTILATION: Handle in a well-ventilated area.

INCOMPATIBLE PRODUCTS: Keep away from oxidizing agents, excessive heat, and sources of ignition.

SUITABLE STORAGE CONDITIONS: Store in closed containers below 35°C in well-ventilated areas. Ground container when dispensing.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizers.

Product Name: FLORABEADS JOJOBA

CONDITIONS TO AVOID: Do not store or use near heat, sparks, or flame and store out of sun. Do not puncture,

drag, or slide container.

8. Exposure Control/Personal Protection

RESPIRATORY PROTECTION: Dust mask, when handling large quantities.

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

9. Physical And Chemical Properties

PHYSICAL STATE: Solid
FORM: Powder
COLOR: Varies w/ pigment
ODOR: Slightly nutty
MELTING POINT: 70°C
SPECIFIC GRAVITY @ 25°C: 0.85-0.91

VAPOR DENSITY: N/A
FLASH POINT (Cleveland open cup): 290°C
VAPOR PRESSURE: N/A
SOLUBILITY IN H₂O: Insoluble
VOLATILES (%): <0.1

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

Ingestion of a single dose is unlikely to cause harm.

Inhalation of dust may irritate the respiratory tract.

Eye contact may cause irritation. Prolonged contact may cause skin irritation.

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), ADNR (inland waterways), IMDG (sea), or IATA (air).

15. Regulatory Information

U.S.: 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. This substance and/or mixture are not classified as hazardous or dangerous according to (EC) 1272/2008, 67/548/EEC or 1999/45/EC.

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 - Polymerization	0 Stable
RAD - Radioactive	
NW - Use no water	