

The Jojoba Company

P.O. Box 586, Waldoboro, ME 04572

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www.jojobacompany.com



Material Safety Data Sheet

02/2011

MATERIAL SAFETY DATA SHEET

Certified 100% Organic HOBACARE[®], Pesticide Free HOBACARE[®]
Certified 100% Organic Jojoba Baby[™], Pesticide Free Jojoba Baby[™]
Certified 100% Organic Jojoba for Women[™], Pesticide Free Jojoba for Women[™]
First-Press, Unrefined Golden Jojoba



1. Product and Company Name

1.1 Product Name	Certified 100% Organic HOBACARE [®] , Pesticide Free HOBACARE [®] Certified 100% Organic Jojoba Baby [™] , Pesticide Free Jojoba Baby [™] Certified 100% Organic Jojoba for Women [™] , Pesticide Free Jojoba for Women [™] (100% Pure) Liquid Golden Jojoba
1.2 Common Chemical Name	Liquid Jojoba Esters or "Jojoba Oil"
1.3 Chemical Name	Liquid Wax Ester
1.4 INCI Name	<i>Simmondsia chinensis</i> (jojoba) seed oil
1.5 Produced by	The Jojoba Company
	P.O. Box 586, Waldoboro, ME 04572 Telephone: 207.832.4401

2. Composition / Information about Ingredients

Pure Jojoba Esters Expeller Pressed from the seeds of "Simmondsia Chinensis"	CAS NO.	90045-98-0, 61789-91-1
	EINECS	289-964-3
	JCLS	42-520987
	HS Tariff Number	15.15.90.60.00

3. Physical and Chemical Property

3.1 Physical State	Clear liquid at room temperature, congeals between 40° & 50° F. Congealing does not compromise product.
3.2 Color	Golden Amber
3.3 Odor	Slightly Fatty
3.4 PH	Not Applicable
3.5 Solubility in H ₂ O	Insoluble
3.6 Other Solubility	Soluble in vegetable oils & organic solvents such as hexane and petroleum ether.
3.7 Specific Gravity @25°C	0.863 - 0.866
3.8 Vapor Pressure	n/a
3.9 Vapor Density	NIL
3.10 Volatiles (%)	NIL

4. Fire and Explosion Information

4.1 Flash Point	>296°C (>565°F) - Cleveland Open Cup Method
4.2 Usual Fire & Explosion Hazard	Not Applicable
4.3 Flammability Limits	Not Applicable
4.4 Extinguishing Media	Water spray (fog), dry chemical, foam, CO ₂ , Standard extinguishing media for oils
4.5 Fire Fighting Methods	Combustible liquid. Use air supplied equipment for fighting interior fire. Cool fire exposed containers with water.

5. Stability and Reactivity

5.1 Stability	Stable
5.2 Material to Avoid	Very strong oxidizing agents
5.3 Conditions to Avoid	Extreme heat, direct sunlight, exposure to ambient atmosphere
5.4 Hazardous Decomposition Products	None known to supplier

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6. Ecological Information

Pure jojoba biodegrades in a time frame and fashion similar to natural vegetable and fruit oils. It is unlikely to accumulate in the aquatic environment. There are no ecological hazards associated with this product.

7. Toxicological Information¹

7.1 Acute Toxicity	Oral (LD50)	>16g/kg
	Dermal (LD50)	None known to supplier
	Inhalation (LC50)	Not applicable

¹ NOTE: Toxicological test data from human and animal studies using jojoba, as well as cosmetic formulations containing jojoba (as reported in the *Journal of the American College of Toxicology*, Volume 11, Number1, 1992) gave a final assessment for jojoba. This cosmetic ingredient review supported the conclusion that jojoba, as currently used in cosmetic formulation, is considered safe. In the USA, after more than 30 years of public use of cosmetics containing jojoba, there is no evidence of incompatibility with the skin.

8. Emergency & First Aid Procedures

8.1 Inhalation	Not Applicable
8.2 Ingestion	Product is not for edible use. Product is non-toxic and first aid measures are not normally required. Possible stomach upset, diarrhea and anal leakage. If gastric symptoms persist seek medical attention.
8.3 Eye Contact	No deleterious effects known by supplier. Irrigate with heavy stream of water for at least 15 minutes.
8.4 Skin Contact	This product is beneficial to the skin.

9. Accidental Release Measures

9.1 Personal Precaution	Not applicable
9.2 Environmental	Contain and collect spillage.
9.3 Cleaning Up	Remove sources of ignition. Contain spill to smallest possible area. Sweep up spilled material. Area may be slippery; take precautions.

10. Exposure Control & Personal / Employee Protection

10.1 Respiratory Protection	Not applicable
10.2 Skin & Body Protection	Not applicable
10.3 Eye Protection	Protective eye wear

11. Handling & Storage

11.1 Exposure Prevention	Wear safety glasses.
11.2 Incompatible Products	Keep away from oxidizing agents, excessive heat, sources of ignition.
11.3 Incompatible Materials	Avoid contact with strong oxidizers.
11.4 Suitable Storage	Store in dry location away from direct sunlight and heat source.
11.5 Conditions to Avoid	Do not store or use near heat, sparks or flame. Store out of sun. Never use pressure to empty. Do not puncture, drag, or slide drum.
11.6 Ventilation	Handle in well-ventilated area.
11.7 Suitable Packing	Unlined steel drums, HDPE and PET containers.
11.8 Unsuitable Packing	LDP; any materials soluble in non-polar materials.

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12. Disposal Consideration

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

13. Transport Information

13.1 DOT Shipping Name	Wax Esters
13.2 DOT I.D. No.	None
13.3 ADR/RID Class (Land)	70
13.4 IMDG Class (Sea)	80
13.5 IATA-DGR Class	70
13.6 NMFC	144920-00
13.7 Comments	Jojoba is a non-hazardous material.

14. Regulatory Information

14.1 US	This material is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used on the skin.
14.2 EC	This product is not classified as "Dangerous" according to the health and physical properties criteria of the EU directives on the classification of the substances and preparations.

15. Other Information

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

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and is believed to be accurate and reliable. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility to satisfy himself/ herself as to the suitability and completeness of such information for his/ her own particular use.