



JOJOBA DESERT
Leading The Next Generation

JD Phyto-Or 1%™
Safety Data Sheet
Ver 1.0

According to EC No. 830/2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

SECTION 1: Products and Company Identification

1.1. Product identifier

Product name: JD Phyto-Or 1%™

Synonyms: *Simmondsia chinensis* (Jojoba) Seed Oil; *Blakeslea trispora* Mycelium Extract/C30-45 Olefin

1.2. Relevant identified uses of the substance or mixture and uses advised against

The substance is used for cosmetics, hair, and skin. It is not identified as edible oil or as a food additive or supplement.

1.3. Details of the supplier of the safety data sheet

Jojoba Desert (A.C. S) Ltd. Kibbutz Hatzetim, D.N.Hanegev, 8542000 Israel Phone: +972-8-6473691 Fax: +972-8-6473268 E-mail address of person responsible for this SDS: qa@jojobadesert.com

1.4. Emergency telephone number

Emergency phone number (with hours of operation): +972-8-6473132

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification according to GHS:

Not classified

Classification according to 29 CFR 1910.1200 (OSHA HCS):

Not classified

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP):

Not classified

2.2. Label elements

Labeling according to GHS:

Hazard pictogram(s): Not required

Signal word: Not required

Hazard statement(s): Not required

Precautionary Statement(s): Not required

Labeling according to 29 CFR 1910.1200 (OSHA HCS)
 Hazard pictogram(s): Not required
 Signal word: Not required
 Hazard statement(s): Not required
 Precautionary Statement(s): Not required
 Labeling in accordance with Regulation 1272/2008 (CLP)
 Hazard pictogram(s): Not required
 Signal word: Not required
 Hazard statement(s): Not required
 Precautionary Statement(s): Not required

2.3. **Other hazards**

None

SECTION 3: Composition / Information on Ingredients

Ingredient name	Identifiers	%	GHS Classification	CLP Classification	OSHA HCS
<i>Simmondsia chinensis</i> (Jojoba) Seed Oil	CAS number: 61789-91-1; 90045-98-0 EC number: 289-964-3	99	Not classified	Not classified	Not classified
<i>Blakeslea trispora</i> Mycelium Extract/C30-45 Olefin	CAS number: 13920-14-4	1	Not classified	Not classified	Not classified

See section 16 for the full text of the Hazards statements declared above.

There are no additional ingredients present that, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or to the environment and hence require reporting in this section.
 Occupational exposure limits, if available, are listed in section 8.

SECTION 4: First Aid Measures

4.1. Description of first aid measures

Eyes contact: In case of contact with the eyes, rinse with water as a precaution.

Skin contact: Wash off with soap and water.

Inhalation: No Possible effects. If breathing difficulties develop, remove the injured person from the site of exposure to fresh air and turn to medical assistance.

Ingestion: This product is Non-Toxic, though might cause an unpleasant feeling if ingested. Do not induce vomiting and turn to medical assistance.

Most important symptoms and effects, both acute and delayed:

Not available. See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects if there are any.

4.2. Indication of any immediate medical attention and special treatment needed: N/A

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable: Foam, carbon dioxide, dry powder, or water spray.

Not suitable: N/A

Use water spray to cool fire-exposed containers.

5.2. Special hazards arising from the substance or mixture

Combustible material. Hazardous combustion products: oxides of carbon and toxic and irritating fumes.

5.3. Advice for firefighters

Special protective equipment for firefighters: Firefighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Ventilate the area of the spill. Keep away from sources of ignition.

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements, or confined areas.

6.3. Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations, wash with water and soap.

6.4. Reference to other sections

See Section 1 for emergency contact information.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Avoid inhalation of vapors, mist, or gas. Handle in accordance with good industrial hygiene and safety practices. Keep away from sources of ignition. Do not puncture, drag or slide containers. Never use pressure to empty containers.

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash their hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2. Conditions for safe storage, including any incompatibilities

Keep the container tightly closed in a dry, cool, and well-ventilated place. Store in a closed container at temperatures below 40°C. Keep away from oxidizing agents. Keep away from heat, sparks, and open flame.

Protect from direct sunlight.

7.3. Specific end use(s): N/A

SECTION 8: Exposure Control / Personal Protection

8.1. Control parameters:

Occupational exposure limits: N/A

8.2. Exposure controls

Engineering measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective measures:

Respiratory protection: Normally not required. Wear an appropriate respirator when ventilation is inadequate or in case of a high sensitivity of the respiratory system.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety goggles.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Environmental exposure controls: N/A

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance: Clear liquid

Odor: Natural. Typical aromatic.

Odor threshold: N/A

pH: N/A

Melting point/Freezing point: 7-9°C

Initial boiling point/boiling range: 398°C

Flashpoint: >290°C

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Relative Density: 0.86-0.873 g/cm³ at 25°C

Solubility: Insoluble in water. Soluble in hexane.

Partition coefficient Octanol/Water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Explosive properties: N/A

Oxidizing properties: N/A

9.2. Other information: N/A

SECTION 10: Stability and Reactivity

10.1. Reactivity: N/A

10.2. Chemical stability

The product is stable under the handling and storage conditions described in Sec. 7.

10.3. Possibility of hazardous reactions

Hazardous reactions are not expected, under normal conditions of storage and use.

10.4. Conditions to avoid

Heat, sparks, and open flame. Direct sunlight.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Other decomposition products: N/A

In the event of fire: see section 5

SECTION 11: Toxicological Information

Product/ingredient name	Test	Species	Dose
<i>Simmondsia chinensis</i> (Jojoba) Seed Oil	LD50, Oral	Rat/ mice	>5000 mg/kg
<i>Blakeslea trispora</i> Mycelium Extract/C30-45 Olefin			

Skin corrosion/irritation: non-irritating.

Serious eye damage/irritation: Slightly irritating when instilled into the eyes.

Respiratory or skin sensitization: non-irritating for skin. Non-volatile. Ingredient particle size is large compared to respirable particulate sizes ($\leq 10 \mu\text{m}$) in cosmetic aerosols thus, it is not respirable.

Germ cell mutagenicity: non-mutagenic.

Carcinogenicity: non-carcinogenic.

Reproductive toxicity: no reproductive or developmental toxicity data are available.

Specific target organ toxicity (single exposure): N/A

Specific target organ toxicity (repeated exposure): N/A

Aspiration hazard: N/A

Other symptoms: Prolong contact with the skin may cause irritation. It May cause eye irritation. Ingestion of small quantities is not likely to cause any harm.

SECTION 12: Ecological information

12.1. Toxicity N/A

12.2. Persistence and Degradability

The substance is of pure botanical origin; hence it is readily biodegradable.

12.3. Bio accumulative potential

The material is unlikely to accumulate in the aquatic environment.

- 12.4. Mobility in soil N/A**
- 12.5. Results of PBT and vPvB assessment N/A**
- 12.6. Other adverse effects N/A**

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product - Disposition of waste must be in accordance with federal, state and local environmental control regulations.

Packaging - Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1. Un number

ADR/RID: - IMDG: - IATA: - DOT (US):

14.2. UN proper shipping name

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

DOT (US): Not regulated

14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA: - DOT (US):

14.4. Packing group

ADR/RID: - IMDG: - IATA: - DOT (US):

14.5. Environmental hazard

ADR/RID: - IMDG: - IATA: - DOT (US):

14.6. Special precautions for user

15. N/A

15.1. Transport to bulk according to Annex II of MARPOL 73/78 and the IBC Code

N/A

SECTION 15: Regulatory information

This SDS complies with the following requirements of:

EU Regulation (EC) No. 830/2015 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Regulation (EC) No.1272/2008 (CLP)

29 CFR 1910.1200 (OSHA HCS)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

California Prop. 65 Components:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Jojoba oil is included on the TSCA inventory

15.2. Chemical safety assessment N/A

SECTION 16: Other information

16.1. HMIS Rating

Health hazard: 1 Chronic Health Hazard: Flammability: 1 Physical Hazard: 0

16.2. NFPA Rating

Health hazard: 1 Fire Hazard: 1 Reactivity Hazard: 0

Training advice: Before using/handling the product one must read SDS.

Key Legend Information:

CAS- Chemical Abstract Service

ACGIH- American Conference of Governmental Industrial Hygienists

OSHA- Occupational Safety and Health Administration

NTP- National Toxicology program

IARC- International Agency for Research on Cancer

N/A- Not available

H-statements- Hazard statements

TLV- Threshold Limit Value

TWA- Time-weighted average

STEL- Short-Term Exposure Limit

CSA- Chemical safety assessment

This SDS and the information presented within it are based on data held by "Jojoba Desert" and the current legislation as for the date stated on it. Anyone who wishes to make use of the information presented within this document is obligated to update its instructions from time to time. The information presented in this SDS is based on the manufacturer's data of the product, which is the subject of this SDS, as provided to "Jojoba Desert", Ltd., and was taken from a variety of literary professional sources. The information presented in this SDS is appropriate for the uses specified in paragraph 1 of the SDS only. It is emphasized, that the information specified in this SDS does not replace specific safety instructions for uses of the substance/ product, which is the subject of this SDS, which were not explicitly specified in the SDS. Individual professional consultation should be received, and specific safety instructions should be read prior to any mixing of the substance which is the subject of this SDS with other substances, and the stated in this SDS does not cover the entire safety instructions relating to mixing the substance which is the subject of this SDS with other substances and does not constitute a replacement to obtaining specific consultation as stated. "Jojoba Desert", Ltd. is not liable to any damage and/ or any loss, financial or otherwise, and will not accept responsibility, directly or indirectly, for damages of any kind, including because of failure to update and/ or misunderstanding and/ or misuse/misinterpretation of the information within the document.

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Authorized Signatory & Stamp:

Merav Hadary, QA Manager.