



JD Esteris 70
Safety Data Sheet
Ver 1.2
Revision date: April 14, 2024

Regulation (EU) 2020/878, amending Annex II to 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: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: JD Esteris 70

Synonyms: Jojoba Esters; Jojoba, ext., hydrogenated

REACH registration no.: in process

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 Hatzerim, D.N. Hanegev, 8542000 Israel Phone: +972-8-6473691 Fax: +972-8-6473268 E-mail address of the person responsible for this SDS: ga@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 by 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.

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Signal word: Not required.

Hazard statement(s): Not required.

Precautionary Statement(s): Not required.

Labeling by 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: N/A

The substance is not included in the list established by Article 59(1) for having endocrine-disrupting properties, and it is not identified as having endocrine-disrupting properties by the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).

SECTION 3: Composition / Information on Ingredients

3.1. Substances

INCI Name EC Name	EC No.	CAS No.	%	GHS Classification	CLP Classification	OSHA HCS
INCI: Jojoba Esters EC Name: Jojoba, ext., hydrogenated	296-292-4	92457-12-0; 61789- 91-1	100	Not classified	Not classified	Not classified

3.2. Mixtures- N/A

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.

4.2. 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 a 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 per 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 the 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 other 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: White solid flakes

Odor: Characteristic

Odor threshold: missing data

pH: missing data

Melting point/Freezing point: 66-70°C

Initial boiling point/boiling range: >225°C

Flashpoint: >270°C

Evaporation rate: missing data

Flammability: missing data

Upper/lower flammability or explosive limits: missing data

Vapor pressure: <0.1

Vapor density: >1

Relative Density: 0.85-0.9 g/cm³ at 25°C

Solubility: Insoluble in water. Soluble in hexane.

Partition coefficient Octanol/Water: missing data

Auto-ignition temperature: missing data

Decomposition temperature: missing data

Viscosity: missing data

Explosive properties: missing data

Oxidizing properties: missing data

9.2. Other information: N/A

SECTION 10: Stability and Reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

The product is stable under normal handling and storage conditions described in Section 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.

SECTION 11: Toxicological Information

Based on Safety Assessment of Simmondsia chinensis (Jojoba) Seed Oil_Final Report of CIR_2008:

Product/ingredient name	Test	Species	Dose
Jojoba Esters	Acute oral toxicity – no signs of toxicity. Leberco Testing, Inc. (1988c).	albino Sprague Dawley rats	5 g/kg; 50% in corn oil
	Subchronic Dermal Toxicity- 0.17 Avg. score, a score of >5 would indicate a positive irritant. Leberco Testing, Inc. (1988h).	albino rabbits	0.5 ml/24hr
	Ocular Irritation- nonirritant. Leberco Testing, Inc. (1988l)	albino rabbits	0.1 ml
	Comedogenicity-noncomedogenic. Bio-Technics Laboratories, Inc. (1990b)	New Zealand white rabbits	5ml/ 45 ml of mineral oil. Applied to the external ear canal via a cotton-tipped applicator 5 days per week (once per day)- a total of 14 applications
	Dermal Irritation and Sensitization (insult patch test)- no potential for eliciting either dermal irritation or sensitization. Leberco Testing, Inc. (1995b)	Volunteers (males and females)	10% in mineral oil
	Dermal Irritation and Sensitization (insult patch test)- no signs of irritant dermatitis. California Skin Research Institute (1997a)	subjects (n = 15; ages 24 to 51 years)	100%; 2 ml

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008: N/A

11.2. Information on other hazards

Skin corrosion/irritation: non-irritating.

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

Respiratory or skin sensitization: non-irritating for the 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): missing data.

Specific target organ toxicity (repeated exposure): missing data.

Aspiration hazard: None.

Other symptoms: May cause temporary eye irritation. Ingestion of small quantities is not likely to cause any harm.



SECTION 12: Ecological information

- 12.1. Toxicity: No.
- 12.2. Persistence and degradability
The substance is inherently biodegradable.
- 12.3. Bio-accumulative potential
The material is unlikely to accumulate in the aquatic environment.
- 12.4. Mobility in soil: missing data.
- 12.5. Results of PBT and vPvB assessment: missing data.
- 12.6. Endocrine-disrupting properties: missing data.
- 12.7. Other adverse effects: missing data.

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Product – The disposition of waste must be by 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 or ID number: N/A. Not considered a dangerous good.
- 14.2. UN proper shipping name: N/A
- 14.3. Transport hazard class(es): N/A
ADR/RID: ADN: - IMDG: - IATA:- DOT (US):
- 14.4. Packing group: N/A
ADR/RID: ADN: - IMDG: - IATA:- DOT (US):
- 14.5. Environmental hazard: N/A
ADR/RID: ADN: - IMDG: - IATA:- DOT (US):
- 14.6. Special precautions for user: N/A
- 14.7. Transport to bulk according to IMO instruments: N/A

SECTION 15: Regulatory information

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

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products (recast) (Text with EEA relevance)
- Regulation (EU) 2020/878, amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and the Council on the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH)
- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products (recast) (Text with EEA relevance)
- 29 CFR 1910.1200 (OSHA HCS)
- Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
- California Prop. 65 Components - This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

15.2. Chemical safety assessment -Not hazardous. Inherently biodegradable.

SECTION 16: Other information

HMIS Rating

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

NFPA Rating

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



- a. Changes: None.
- b. 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
- c. key literature references and sources for data: N/A
- d. An indication of which of the methods of evaluating information referred to in Article 9 of Regulation (EC) No 1272/2008 was used for classification (in the case of mixtures): N/A
- e. A List of relevant hazard statements and/or precautionary statements: N/A
- f. Training advice: Before using/handling the product one must read SDS.

This SDS and the information presented within it are based on data held by "Jojoba Desert" ACS Ltd. and the current legislation as for the date stated in 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" ACS 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 before any mixing of the substance which is the subject of this SDS with other substances 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 for 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.

Authorized Signatory & Stamp:

Merav Hadary, QA & Sustainable Development Manager