

# Certificate of Analysis

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**Product Name:** Jojoba Oil, Organic  
**Batch No:** JV-O-102311D

Item	Unit	Result
Peroxide Value	Meg O <sub>2</sub> /KG Oil	1.8
Saponification Value	Mg KOH/g	87.8
Unsaponifiable Matter	%	45.5
Refractive Index	-	1.465
Specific Gravity	g/ml	0.864
Iodine Value	Mg 12/g oil	81.4
Acid Value	Mg KOH/g	0.4

Acid Name	C-Chain	Result
Gandoic Acid	C20:1	69.37
Oleic Acid	C18:1	12.6
Erucic Acid	C22:1	14.2
Nervonic Acid	C24:1	1.8
Palmitic Acid	C16:0	1.61
Palmitoleic Acid	C16:1	< 0.1
Behenic Acid	C22:0	< 0.1

# Material Safety Data Sheet

## JOJOBA OIL - ORGANIC

Date: September 2015

### 1. Product and Supplier Description

Trade Name: Jojoba Oil - Organic  
INCI: Simmondsia Chinensis Seed Oil

**Supplier:**

Healthy Story LLP  
27 Old Gloucester Street  
London  
WC1N 3AX, United Kingdom  
Tel: +44 800 048 5030  
Email: [info@zdravaprica.com](mailto:info@zdravaprica.com)

Biological Definition: Simmondsia Chinensis Seed Oil is the fixed oil expressed or extracted from seeds of the desert shrub, Jojoba, Simmondsia chinensis, Buxaceae.

CAS Number: 90045-98-0  
EC Number: 289-964-3  
EINECS Number: 289-964-3

### 2. Hazards Identification

2.1 Classification of the substance or mixture Classification  
(67/548/EEC): Not classified as a hazardous. Classification  
(EU 1272/2008): Not classified as a hazardous.

2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008  
GHS Label: None.  
Signal word: None.  
Contains: None.  
Hazards Statements: None.  
Precautionary Statements: None.  
Supplementary Precautionary Statements: None.

### 2.3 Other hazards

Adverse physio-chemical properties: None.

Adverse effect on human health: None.

## 3. Composition and Ingredient Information

### 3.1 Substances

100% Simmondsia Chinensis Seed Oil

### 3.2 Mixtures

EU INCI: N/A

US INCI: N/A

## 4. First Aid Measures

### 4.1 Description of first aid measures

General information: None.

Inhalation: None.

Ingestion: None.

Skin Contact: None.

Eye Contact: None.

### 4.2 Most important symptoms and effects, both acute and delayed.

No symptoms known.

### 4.3 Indication of any immediate medical attention and special treatment needed

None.

## 5. Fire Fighting Measures

### 5.1 Extinguishing Media

Foam, dry chemical powder, carbon dioxide.

Unsuitable extinguishing media: Do not use direct water jet on burning material.

### 5.2 Special hazards arising from the substance or mixture.

None

### 5.3 Advice for fire-fighters

This product is made up of inflammable material with low risk.

The product the substance or mixture may only form ignitable mixtures or burn only upon heating above the flash point.

However, minor contamination by lightly volatile hydrocarbons may increase the hazard.

Ignition hazard at welding at the empty container: Dangerous combustion residues: smoke, carbon monoxide, carbon dioxide.

Advice for fire-fighters In the case of fire: Use respirator.

## 6. Measures in case of accidental release

### 6.1 Personal precautions

Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact.

### 6.2 Environmental precautions

Prevent product from entering sewerage, water courses or low lying areas. 6.3 Methods and material for containment and cleaning up

**Shut off source.**

**Take measures to reduce or prevent effects on ground water.**

**Gather product mechanically if possible.**

Bind remaining's of the product with sand or other appropriate absorbent and remove.

Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

**Water spill:**

Confine the spill immediately with booms. Warn other ships.

**Notify port and other relevant authorities.**

**Remove from the surface by skimming or with suitable absorbents.**

In running waters, apply appropriate dispersants in accordance with local regulation.

**6.4 References to other sections.**

Please refer to Section 8 - Exposure controls/personal protection for further information on personal precautions.

Please refer to Section 13 - Disposal Considerations for further information on waste treatment.

## **7. Handling and Storage**

**7.1 Precautions for safe handling**

Keep containers leak proof closed and dry. Protect against sun/light.

Prevent spills and leakages to avoid slip hazard.

**7.2 Conditions for safe storage, including any incompatibilities**

Intrusion into soil to be avoided.

Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition.

Provide suitable mechanical equipment for the safe handling of drums and heavy packages.

Electrical equipment and fittings must comply with local regulations.

**7.3 Specific end use(s)**

N/A

## **8. Exposure Controls/Personal Protection**

**8.1 Control Parameters**

None.

**8.2 Exposure Controls**

**Eye protection:**



**No special measures required.**

**Hand protection:**



No special measures required.

**Respiratory Equipment:** No special measures required.

**Hygiene Measures:** No special measures required.

**Engineering Measures:** No special measures required.

## 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties  
Appearance: Clear mobile liquid.

Colour: Yellow.

Odour: Characteristic.

Relative Density: 0.863 – 0.873

Flash Point (°C): > 200

Refractive Index: 1.465 – 1.467

Melting Point (°C): N/A

Boiling Point (°C): > 350

Vapour Pressure: N/A

Solubility in Water @20°C: Soluble in oil and ethanol.

Auto-ignition temperature (°C): N/A

9.2 Other information

N/A

## 10. Stability and Reactivity

10.1 Reactivity

Oxidation with atmospheric oxygen.

Formation of free fatty acids.

10.2 Chemical stability

Stable under normal temperature

conditions. 10.3 Possibility of hazardous reactions

Reacts with oxidants.

10.4 Conditions to avoid

Keep away from heat sources, open flames and sunlight.

10.5 Incompatible materials

Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

10.6 Hazardous decomposition products

Product does not decompose at proper handling.

## 11. Toxicological Information

11.1 Information on toxicological effects.

Acute toxicity:

In compliance with generally accepted uses and quantities are no negative impacts to be expected.

LD50 oral: Not determined.

**LD50 dermal: Not determined.**

**LC50: Not determined.**

**Skin corrosion / irritation: There is not expected negative impact.**

**Serious eye damage/irritation: There is not expected negative impact.**

**Respiratory or skin sensitisation: There is not expected negative impact.**

**Germ cell mutagenicity: There is not expected negative impact.**

**Carcinogenicity: There is not expected negative impact.**

**Reproductive toxicity: There is not expected negative impact.**

**STOT-single exposure: There is not expected negative impact.**

**STOT-repeated exposure: There is not expected negative impact.**

**Aspiration hazard: There is not expected negative impact.**

**Other information: N/A**

## **12. Ecological Information**

### **12.1 Toxicity**

**No information available.**

### **12.2 Persistence and degradability**

**Biologically well degradable.**

### **12.3 Bio-accumulative potential**

**Possible**

### **12.4 Mobility in soil**

**No information available.**

### **12.5 Results of PBT and VPVB assessment**

**No information available.**

### **12.6 Other adverse effects**

**Water hazardous class according to German regulation "wassergefährdende Stoffe (VwVwS")**

**WGK 1**

## **13. Disposal Considerations**

### **13.1 Waste Treatment Methods**

#### **Recommendation:**

**Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude in soil or waters.**

## **14. Transport Information**

**Warning Icon: N/A**

**Proper Shipping Name: N/A**

**UN No. Road: N/A**

**ADR Class: N/A**

**Hazard No (ADR): N/A**

**Hazchem Code: N/A**

**UN No. SEA: N/A**

**IMDG Class: N/A**

**IMDG Pack Gr.: N/A**

**EMS: N/A**

**UN No. AIR: N/A**

**Air Class: N/A**  
**Air Pack Gr.: N/A**

## **15. Regulatory Information**

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

**EU Directives: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.**

**Statutory Instruments: The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).**

**Approved Code of Practice: Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations. Guidance**

**Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG 108.**

### **15.2 Chemical safety assessment**

**An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.**

## **16. Other Information**

**Material Safety Data Sheet according to EU Regulation 1907/2006 Training instructions: Refer to possible hazard before use of this product. Abbreviations and acronyms:**

**MSDS Material Safety Data Sheet**

**INCI International Nomenclature of Cosmetic**

**Ingredients CAS Chemical Abstract Service**

**IMDG International Maritime Code for Dangerous Goods**

**ADR Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)**

**RID International Carriage of Dangerous Goods by**

**Rail ICAO International Civil Aviation Organization**

**ADN International Carriage of Dangerous Goods by Inland Waterways**

**GHS Globally Harmonized System of Classification and Labelling of Chemicals**

**Trem Card Transport Emergency Card**

**STOT Specific Target Organ Toxicity**

**N/A Not Available**

**Complies with REACH guidance for SDS as circulated by ECHA 2011.**

**The information contained herein is accurate to the best of our knowledge from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users' responsibility to determine the safe conditions for use of this product.**