

Pusat Studi Pengembangan Sediaan Farmasi Fakultas Farmasi - Universitas Padjadjaran

Jl. Terusan Buah Batu No 220, Bandung 40286 Jl. Raya Bandung Sumedang KM 21, Sumedang 45363

Safety Data Sheet

Brand Name: Refined Clear Sacha Inchi Oil Organic Sacha Inchi Oil(Plukenetia Volubili)

According to Regulation (ID): Permenperin No. 23/MIND/4/2013

Revision Date: May, 10th 2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier:

Futher trade names

Organic Sacha Inchi Oil (cold pressed)

CAS-No. 68956-68-3

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

Use of the substance/mixture

Manufacture of cosmetics and personal care products

1.3 Details of the supplier of the safety data sheet:

Company Name : LABCOS

Address : Building 1, 3rd Floor, Faculty of Pharmacy, Universitas Padjadjaran,

Jl. Raya Bandung-Sumedang KM 21 Jatinangor

Telephone : +62 852-2071-0909

Website : labcos.id

**SECTION 2: Hazards identification** 

2.1 Classification of the substance or mixture

It is edible oil. This Not a hazardous substance or and is Generally Recognized As Safe (GR AS) under the result of analysis at Center for Pharmaceutical Formulation Development Studies, Faculty of Pharmacy, Universitas PadjadjaranNo. 001/COA-RCSI/V/202 5.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

SECTION 3: Composition/information on ingredients

3.1 Material Substance

Ingredient:

According to result of analysis at Center for Pharmaceutical Formulation Developmen t Studies, Faculty of Pharmacy, Universitas PadjadjaranNo. 001/COA-RCSI/V/202 5 (attached).

100% Vegetable Oil.

| Composition |        | Detail          |  |
|-------------|--------|-----------------|--|
| Omega 3     | 49.30% | 49295.4 mg/100g | Alpha-Linoleic AcidC <sub>18</sub> H_O |
| Omega 6     | 37.03% | 37027.7 mg/100g | Linoleic Acid $C_{18}H_{32}O_2$        |
| Omega 9     | 07.00% | 6974.7 mg/100g  | Oleic Acid $C_{18}H_{34}O_2$           |
| Vitamin D   |        | 0.69 mcg/100g   | Cholecalciferol                        |
| Vitamin E   |        | 68.54 mg/100g   | Alpha Tocopherol                       |



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#### SECTION 4: Accidental release measures

- 4.1 Personal precautions, protective equipment and emergency procedures

  Remove all sources of ignition. Special danger of slipping by leaking/spilling product.
- 4.2 Environmental precautions

Do not allow to enter into surface water or drains. If large quantities are released, inform the competent authorities.

4.3 Methods and material for containment and cleaning up

Cover drains. Absorb with liquidbinding material (e.g. sand, diatomaceous earth, acid or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

4.4 Reference to other sections

Safe handling: see section 5

Personal protection equipment: see section 6

Disposal: see section 11

### **SECTION 5: Handling and storage**

5.1 Precautions for safe handling

Advice on safe handling

Special danger of slipping by leaking/spilling product.

Advice on protection against fire and explosion

Not readily combustible.

5.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a dry, well-ventilated place and protect from heat or direct sunlight.

Advice on storage compatibility

Do not store together with: Oxidizing agent.

Further information on storage conditions

Recommended storage temperature: 1030°C.

5.3 Specific end use(s)

Manufacture of Cosmetics, personal care products.

### SECTION 6: Exposure controls/personal protection

- 6.1 Control parameters
- 6.2 Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Not mandatory.

Hand protection

Not mandatory.

Skin protection

Wear suitable protective clothing.



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### Respiratory protection

Respiratory protection required only when vapours and spray mist are present. filter: A Colour code: brown.

### SECTION 7: Physical and chemical properties

7.1 Information on basic physical and chemical properties.

Physical State Liquid Oil Colour Clear

Odor Characteristic

pH Value -

Changes in the physical state

Melting Point ca. -15°C
Initialing Point and Boiling Range >230°C
Flash Point >130°C
Ignition Temperature >200°C
Decomposition Temperature >300°C

Oxidising properties

Not oxidising

Vapour Pressure Not determined
Density 0.91 – 0.94 g/cm³

Water Solubility The study does not need to be conducted because

the substance is known to be insoluble in water

Solubility in other solvents

Soluble in Non-polar organic solvents

Partition Coefficient -

### SECTION 8: Stability and reactivity

8.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

8.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

8.3 Possibility of hazardous reactions

Reacts with strong oxidizing agents. Fire hazard.

8.4 Conditions to avoid

Avoid humidity and exposure of light and air. Keep away from sources of heat and ignition from direct sunlight.

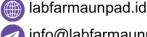
8.5 Incompatible materials

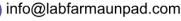
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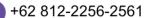
8.6 Hazardous decomposition products

Thermal decomposition from 300°C.

Carbon monoxide, Carbon dioxide, Hydrocarbons, gaseous.















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## SECTION 9: Toxicological information

9.1 Information on toxicological effects Additional information on tests The substance is classified as not hazardous according to regulation.

### **SECTION 10: Ecological information**

10.1 Toxicity

The product is not: Ecotoxic.

10.2 Persistence and degradability Biodegradable.

10.3 Bio accumulative potentialThe product has not been tested.

10.4 Mobility in soil

The product has not been tested.

10.5 Results of PBT and vPvB assessment The product has not been tested.

10.6 Other adverse effects

No information available.

**Further information** 

Avoid release to the environment

## **SECTION 11: Disposal considerations**

11.1 Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

The completely emptied packaging, which has been cleaned with soap and water, can be disposed of via household waste.

### **SECTION 12: Transport information**

12.1 Special precautions for user

No information available.

12.2 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

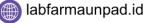
#### **SECTION 13: Regulatory information**

- 13.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- 13.2 Chemical Safety Assessment has not been carried out For this substance a chemical safety assessment has not been carried out.

## **SECTION 14: Other information**

#### **Further Information**

The information is based on present level of our knowledge. It does not, however, given assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.



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