

Safety Data Sheet

Brand Name : Refined Clear Sacha Inchi Oil

Organic Sacha Inchi Oil (Plukenetia Volubilis)

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 :

Further 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 is not a hazardous substance or and is Generally Recognized As Safe (GRAS) under the result of analysis at Center for Pharmaceutical Formulation Development Studies, Faculty of Pharmacy, Universitas Padjadjaran No. 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 Development Studies, Faculty of Pharmacy, Universitas Padjadjaran No. 001/COA-RCSI/V/202 5 (attached).

100% Vegetable Oil.

Composition		Detail	
Omega 3	49.30%	49295.4 mg/100g	Alpha-Linoleic Acid $C_{18}H_{32}O_2$
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



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.



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/cm ³
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. Protect from direct sunlight.

8.5 Incompatible materials

No information available.

8.6 Hazardous decomposition products

Thermal decomposition from 300°C.

Carbon monoxide, Carbon dioxide, Hydrocarbons, gaseous.



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 potential

The 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.

