

Material Safety Data Sheet Hemp Seed Oil

SECTION 1.1 – PRODUCT IDENTIFICATION

Product Name : Hemp Seed Oil
Molecular Formula : Not applicable
Molecular Weight : Not applicable
CAS No. : 89958-21-4

SECTION: 1.2 COMPANY IDENTIFICATION

Company Name: Indenta Chemicals (India) Pvt. Ltd.

Address: 117, The Summit Business Bay, Opp Cinemax, Off. Sir M.V. Road, Near WEH Metro Station, Andheri (E), Mumbai 400 093, India

Telephone #: +91-22-26849600

Fax #: +91-22-26849060

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Hemp Seed Oil	89958-21-4	100

Toxicological Data on Ingredients: No Data Available

SECTION 3: HAZARD IDENTIFICATION

3.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not classed as a hazardous substance.

3.2 Label elements

Labelling according Regulation (EC) No

No pictogram required.

Signal word None

Hazard statement(s)

No specific hazards under normal conditions of use.

Precautionary statement(s)

No specific hazards under normal conditions of use.

Supplemental Hazard

Statements none

3.3 Other hazards – none

Indenta Chemicals (India) Pvt. Ltd.

Office: 117 The Summit Business Bay, Near WEH Metro Station, Opp. Cinemax Theatre, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 093.
Phone : +91-22-2684 9600 | Fax : +91-22-2684 9060 | Email: indenta@indenta.com | Website : www.indenta.com

Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302



SECTION 4: FIRST AID MEASURES

4.1 Description of first-aid measures

If inhaled

Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.

In case of skin contact

Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.

In case of eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.

If swallowed

Edible – food grade.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing media

Extinguishing media: Carbon dioxide (CO₂). Dry Chemical Powder. Foam.

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

5.2 Special hazards arising from the substance or mixture

Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.

5.3 Advice for firefighters

Wear protective clothing. Avoid inhalation of vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

5.4 Further information

No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Maintain good occupational and personal hygiene. Avoid contact with skin and eyes.

For personal protection see section 8.

6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.

6.3 Methods and materials for containment and cleaning up

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs; Remove from the surface with suitable adsorbent material. Disposal according to UK/EU Environmental regulations.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. For precautions see section 3.2.

7.2 Conditions for safe storage, including any incompatibilities

Intrusion into soil to be avoided. Store the product in tightly closed original container, in a cool (max. at room temperature) and well-ventilated environment. Keep away from sources of ignition. Keep air contact to a minimum. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

None

8.2 Exposure controls

If handling hot oil, protective clothing recommended.

Process Conditions

No special measures required.

Engineering Measures

Provide adequate ventilation.

Respiratory Equipment

As required. Avoid breathing product vapour.

Hand Protection

Protective gloves should be used if at risk of direct contact or splash, especially if using hot oil.

Eye Protection

Wear safety glasses or face shield to protect from splashes.

Other Protection

Slip proof shoes may be worn in event of spillages.

Hygiene Measures

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Personal Protection

Wear protective clothing to prevent skin contact.

Skin Protection

Wear protective clothing to prevent skin contact.

Environmental Exposure Controls

Avoid discharging into drainage water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|-------------------|--|
| a) Appearance | Form: Clear, green oily liquid.
Color: Green to dark green. |
| b) Odor | Characteristic |
| c) Odor Threshold | No data available |
| d) pH | No data available |
| e) Melting | |

point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid,gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	0.923 - 0.931 @ 20°C
n) Water solubility	Insoluble in water. Soluble in vegetable oils.
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
9.2 Other safety information	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Presents no significant reactivity hazards, by itself or in contact with water.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Will not polymerise.

10.4 Conditions to avoid

Avoid storage conditions of above 25°C.

10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents.

10.6 Hazardous decomposition products

In case of fire; liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide, acrolein & other non-identified organic compounds may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Non toxic product – pharmaceutical use – food grade.

Skin corrosion/irritation

Non toxic product – pharmaceutical use – food grade.

Serious eye damage/eye irritation

Non toxic product – pharmaceutical use – food grade.

Respiratory or skin sensitization

Non toxic product – pharmaceutical use – food grade.

Germ cell mutagenicity

Not considered mutagenic.

Carcinogenicity

Not considered carcinogenic.

Reproductive toxicity

Not considered a reprotoxicant.

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

Not considered an aspiration hazard. If exposed to fumes from hot oil, wear a respirator (hemp seed oil has a low smoke point).

Additional Information

No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Not considered Eco toxic.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

This product is unlikely to accumulate in the environment and environmental problems under normal use conditions are not expected.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Collect and dispose of waste product, in accordance with local authority guidelines, at an authorised disposal facility. Product remainders should not intrude soil or waters.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION

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

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.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical Safety Assessment

No data available

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

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