

## Material Safety Data Sheet Chamomile oil

### SECTION 1.1 – PRODUCT IDENTIFICATION

**Product Name** : Chamomile oil  
**Molecular Formula** : Not applicable  
**Molecular Weight** : Not applicable  
**CAS No.** : 84649-86-5

### 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
Chamomile oil	84649-86-5	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**

UN-GHS: FL 3, AH 1, SCI 3, SS 1

EU-CLP: FL 3, AH 1, SS 1

#### 3.2 Label elements

**Labelling according Regulation (EC) No**



**Pictogram**

Signal word **Danger**

**Hazard statement(s)**

H226 Flammable liquid and vapour  
 H304 May be fatal if swallowed and enters airways  
 H317 May cause an allergic skin reaction

**Precautionary statement(s)**

P301/310 IF SWALLOWED immediately call a doctor/physician

### Indenta Chemicals (India) Pvt. Ltd.

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

P331 Do NOT induce vomiting  
P262 Do not get in eyes, on skin or on clothing  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Supplemental Hazard  
Statements none

**3.3 Other hazards** - None

## SECTION 4: FIRST AID MEASURES

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### General advice

See categories below

#### If inhaled

Remove from exposure area to fresh air. Contact a doctor if necessary.

#### In case of skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

#### In case of eye contact

Flush with plenty of water and seek medical advice if necessary.

#### If swallowed

Wash mouth out with water and obtain medical advice immediately.

## SECTION 5: FIRE AND EXPLOSION DATA

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### Extinguishing media

Use CO<sub>2</sub>, Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

### Special hazards

None.

### Advice for firefighters

Wear protective clothing. Avoid inhalation of vapours.

### Protective Measures in Fire

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### Personal precautions

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

### Environmental precautions

Do not discharge directly into drains or soil. Keep away from surface and ground water.

### 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.

## SECTION 7: HANDLING AND STORAGE

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### Usage precautions

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

**Storage precautions**

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION****Personal protective**

Protective goggles and gloves

**Engineering Measures**

Ensure good ventilation of working area.

**Respiratory Equipment**

As required

**Hand Protection**

Avoid all skin contact. Use chemically resistant gloves if required.

**Eye Protection**

Use safety glasses.

**Other Protection**

As required Hygiene Measures Wash hands with soap & water after handling.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

a) Appearance	Form: Mobile liquid Color: Light blue-green to pale green turning to brown with age
b) Odor	Characteristic, reminiscent of the flowers
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	161 at 760mm Hg
g) Flash point	52 °C c/c
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	0.900 to 0.920 at 20°C.
n) Water solubility	Almost insoluble
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

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### Stability

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

### Conditions to

Avoid Avoid storage temperatures above 25°C

### Materials to Avoid

Avoid contact with strong acids, alkalis and oxidising agents

### Hazardous Decomposition Products

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

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### 11.1 Information on toxicological effects

#### Acute toxicity

Dermal toxicity: found non-irritating when applied to backs of hairless mice. But moderately irritating when applied under occlusion to rabbit skin. Opdyke D.L.J (See1974) FCT 12, 853.

Oral toxicity: Acute toxicity (oral, rat) LD50 >5g/kg (ref: unpublished data submitted to RIFM on 10-11-2012 by MB research Labs Inc.

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No weight of evidence summary available. Believed to be a slight ocular irritant.

#### Respiratory or skin sensitization

Not found to be a sensitizer to human skin, nor photo-toxic. Opdyke D.L.J (See1974) FCT 12, 853. Listed as skin sensitizer Category 1 under GHS & CLP.

#### Germ cell mutagenicity

Not found to be mutagenic in a Bacillus subtilis rec-assay or an Ames test (Zani et al 1991).

#### Carcinogenicity

No evidence of carcinogenicity or DNA damage (BIBRA 1992). No evidence of carcinogenic activity of A. nobilis oil constituents.

#### Reproductive toxicity

No firm data

#### Specific target organ toxicity - single exposure

No data available

#### Specific target organ toxicity - repeated exposure

No data available

#### Aspiration hazard

No available data. Listed as Aspiration Hazard Category 1 under GHS & CLP.

#### Additional Information

None

## SECTION 12: ECOLOGICAL INFORMATION

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### Ecotoxicity

No weight-of-evidence data available

### Mobility

No data available

#### **Persistence & Biodegradability**

No data available

#### **Bioaccumulation Potential**

No data available

#### **PBT Assessment Results**

No data available

#### **Precautions**

Do not discharge into the environment/ watercourses.

### **SECTION 13: DISPOSAL CONSIDERATION**

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#### **Disposal Methods**

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

### **SECTION 14: TRANSPORT INFORMATION**

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#### **14.1 UN number**

ADR/RID: UN 1169                      IMDG: UN 1169                      IATA: UN 1169

#### **14.2 UN proper shipping name**

ADR/RID: EXTRACT, AROMATIC, LIQUID nos (chamomile oil)

IMDG: EXTRACT, AROMATIC, LIQUID nos (chamomile oil)

IATA: extract, aromatic, liquid nos (chamomile oil)

#### **14.3 Transport hazard class(es)**

ADR/RID: 3                                      IMDG: 3                                      IATA: 3

#### **14.4 Packaging group**

ADR/RID: III                                      IMDG: III                                      IATA: III

#### **14.5 Environmental hazards**

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

#### **14.6 Special precautions for user**

No data available

### **SECTION 15: OTHER REGULATORY INFORMATION**

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#### **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.

## SECTION 16: ADDITIONAL INFORMATION

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