

## Material Safety Data Sheet Cistus Traditional Oil

### SECTION 1.1 – PRODUCT IDENTIFICATION

**Product Name** : Cistus Traditional Oil  
**Molecular Formula** : Not applicable  
**Molecular Weight** : Not applicable  
**CAS No.** : 8016-26-0

### 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

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### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Cistus Traditional Oil	8016-26-0	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**

Flammable Liquids, Category 3

Aspiration Hazard, Category 1

Skin Corrosion/Irritation, Category 3

Skin Sensitization, Category 1

Serious eye damage/eye irritation, Category 2A

Hazardous to aquatic environment Short term/Acute, Category 1

Hazardous to aquatic environment Long term/Chronic, Category 1

#### 3.2 Label elements

**Labelling according Regulation (EC) No**



**Pictogram**

**Signal word**

Danger

### 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



**Hazard statement(s)**

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H316	Causes mild skin irritation
H317	May cause allergic skin reaction
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long-lasting effects

**Precautionary statement(s)**

P102	Keep out of the reach of children.
P210	Keep away from flames and hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/Bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/eye protection/face protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370 + P378	In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.
P403 + P235	Store in well-ventilated place. Keep cool.
P501	Dispose of contents/container to an approved waste disposal plant.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
P331	Do NOT induce vomiting.
P405	Store locked up.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P302 + P352	IF ON SKIN: Wash with plenty of water/soap.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash before reuse.
P264	Wash hands thoroughly after handling.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage.
P501	Dispose of contents/container to an approved waste disposal plant.

Supplemental Hazard

Statements none

**3.3 Other hazards**

May cause skin irritation/allergy. Patch test recommended.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first-aid measures****If inhaled**

Not likely to occur under normal conditions of use. If symptoms occur, move to fresh air and obtain medical advice.

**In case of skin contact**

No harmful effect with normal skin. If skin irritation does occur, wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

**In case of eye contact**

Check for and remove any contact lenses. Flush with water for 15 minutes. If symptoms persist get medical attention.

**If swallowed**

Not an expected route of exposure. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with milk or water and consult a doctor. Keep the exposed person at rest. Do NOT force vomiting unless directed to do so by medical personnel. Seek immediate medical attention and show the Substance's label to medical personnel.

**4.2 Most important symptoms and effects, both acute and delayed**

**Eye contact:**

May cause eye irritation and corneal damage if not immediately rinsed out.

**Skin Contact:**

Repeated contact may cause allergic dermatitis.

**Inhalation:**

Breathing high concentrations of vapor may cause anesthetic effects.

**Ingestion:**

Not an expected route of exposure.

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

No data available

## SECTION 5: FIRE AND EXPLOSION DATA

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**5.1 Flash point**

+43°C

**5.2 Extinguishing media**

Suitable extinguishing media: sprayed water or water mist, alcohol-resistant foam, multipurpose ABC powder, BC powder, carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media: water jet (straight stream).

**5.3 Special hazards arising from the substance or mixture**

No data available

**5.4 Advice for firefighters**

Use self-contained breathing apparatus and protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**6.1 Personal precautions, protective equipment and emergency procedures**

Stop leak if you can do so without risk. Consult safety measures listed under Sections 7 and 8.

**For fire-fighters:**

Fire-fighters will be equipped with suitable personal protective equipment (See Section 8).

High temperature may increase the pressure inside the container—cool the container by sprinkling water. Avoid breathing emitted vapors.

**6.2 Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, or diatomaceous earth in drums for waste disposal. Avoid allowing product to reach sewage system or any waterways. Inform respective authorities in case of seepage into sewage system or waterways.

**6.3 Methods and materials for containment and cleaning up**

Absorb spill with non-combustible matter (such as detergent--do not use solvents) and transfer to containers.

## SECTION 7: HANDLING AND STORAGE

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### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid unintentional contact with skin surfaces. Wear suitable protective clothing. Avoid inhalation. Ensure good ventilation or exhaust in workplace. Do not allow contact with eyes. Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

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

Store in closed glass containers, away from heat, light and other sources of ignition. Store in cool area.

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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### 8.1 Control parameters

OSHA TWA: None established

OSHA STEL: None established

ACGIH TWA: None established

ACGIH STEL: None established

NOHSC TWA: None established

NOHSC STEL: None established

### 8.2 Exposure controls

#### Appropriate engineering controls

General room or local exhaust ventilation is usually required to meet exposure limit(s).

Electrical equipment should be grounded and conform to applicable electrical code.

#### Personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place away from the work area. Never eat, drink, or smoke during use. Remove and wash contaminated clothing before re-using.

#### Eye/face protection

Avoid contact with eyes. Use eye protectors (safety goggles in accordance with standard EN166) designed to protect against liquid splashes.

#### Hand protection:

Wear suitable protective gloves (resistant to chemical agents in accordance with standard EN374) in the event of prolonged or repeated skin contact.

Type of gloves recommended: Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR)) or PVA (Polyvinyl alcohol).

#### Body protection:

Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

<b>a) Appearance</b>	Form: Liquid
	Color: Yellow to orange-yellow
<b>b) Odor</b>	Deep, musky and balsamic with dry, warm, earthy notes.
<b>c) Odor Threshold</b>	No data available
<b>d) pH</b>	No data available
<b>e) Melting point/freezing point</b>	No data available

<b>f) Initial boiling point and boiling range</b>	No data available
<b>g) Flash point</b>	+43°C
<b>h) Evaporation rate</b>	No data available
<b>i) Flammability (solid,gas)</b>	No data available
<b>j) Upper/lower flammability or explosive limits</b>	No data available
<b>k) Vapor pressure</b>	No data available
<b>l) Vapor density</b>	No data available
<b>m) Relative density</b>	No data available
<b>n) Water solubility</b>	Insoluble
<b>o) Partition coefficient: n-octanol/water</b>	No data available
<b>p) Autoignition temperature</b>	No data available
<b>q) Decomposition temperature</b>	No data available
<b>r) Viscosity</b>	No data available
<b>s) Explosive properties</b>	No data available
<b>t) Oxidizing properties</b>	No data available
<b>u) Refractive index @ 20°C</b>	1.470 – 1.490
<b>v) Specific gravity @ 20 °C</b>	0.895 – 0.945

**9.2 Other safety information**

No data available

**SECTION 10: STABILITY AND REACTIVITY**

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**10.1 Reactivity**

Not reactive.

**10.2 Chemical stability**

This substance is stable under the recommended handling and storage conditions in Section 7.

**10.3 Possibility of hazardous reactions**

When exposed to high temperatures, the substance may release hazardous decomposition products, such as carbon monoxide, carbon dioxide, fumes, and nitrogen oxide.

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

Alkali metals, ammonia, oxidizing agents, peroxides strong inorganic acids.

**10.6 Hazardous decomposition products**

The thermal decomposition may release/form carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

**SECTION 11: TOXICOLOGICAL INFORMATION**

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**11.1 Information on toxicological effects****Acute toxicity**

No data available

**Skin corrosion/irritation**

May be irritating to skin.

**Serious eye damage/eye irritation**

May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage.

**Respiratory or skin sensitization**

Breathing high concentrations of vapor may cause anesthetic effects.

**Germ cell mutagenicity**

Not specified

**Carcinogenicity**

IARH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

Not specified

**Specific target organ toxicity - single exposure**

Not specified

**Specific target organ toxicity - repeated exposure**

Not specified

**Aspiration hazard**

Not specified

**11.2 Information on the likely routes of exposure**

Skin/scalp contact.

**11.3 Symptoms related to the physical, chemical, and toxicological characteristics**

None known. Irritation of the eye if exposed. Redness of the skin if irritated.

**11.4 Delayed and immediate effects and also chronic effects from short-term and long-term exposure**

Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver, and central nervous system.

Repeated or prolonged contact with the substance may cause removal of natural oil from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible damage.

**11.6 Interactive effects**

Not specified

**11.7 Where specific chemical data are not available**

Not specified

**11.8 Substances**

Not specified

**11.9 Substances verses ingredient information**

Not specified

**11.10 Other Information**

RTECS: Not specified

**SECTION 12: ECOLOGICAL INFORMATION**

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**12.1 Info summary of Ecological information**

Balance of data on substance as a whole, not determined.

**12.2 Eco toxicological properties of specific substances**

See each category below for specific substances

**12.3 Toxicity**



Acute fish toxicity:

LC50 / 96 HOUR – No data available

Toxicity to aquatic plants – No data available

Toxicity to microorganisms – No data available

Toxicity threshold – No data available

#### 12.4 Persistence and degradability

Biodegradation is expected

#### 12.5 Bio-accumulative potential

Bioaccumulation is unlikely

#### 12.6 Mobility in soil

Unknown

#### 12.7 Other adverse effect

Avoid exposure to marine environments and waterways

### SECTION 13: DISPOSAL CONSIDERATION

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#### 13.1 Waste treatment methods

Do not pour into drains or waterways. Observe all federal, state, and local environmental regulations. Member State-specific and Community-specific provisions must be considered. Considering the relevant known environmental and human health hazards of the materials, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental release. This may include destructive techniques for waste and wastewater. In extreme situations, contact a licensed professional waste disposal service to dispose of this material.

##### Waste:

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC. Do not pour into drains or waterways. Waste management is carried out without endangering human health, without harming the environment, and in particular without risk to water, air, soil, plants, or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

##### Soiled packaging:

Empty all containers completely. Keep label(s) on every container. Give to a certified disposal contractor.

### SECTION 14: TRANSPORT INFORMATION

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#### 14.1 UN Number

UN 1169

#### 14.2 UN Proper shipping name

Extract, aromatic, liquid

#### 14.3 Transportation hazard classes



Class 3

#### 14.4 Packing group, if applicable

III

#### 14.5 Environmental hazards



Hazardous to the aquatic environment

**14.6 Special precautions for user**

Warning



Danger

**14.7 Transport in bulk according to Annex II of MARPOL 73/78° and IBC Code**

Not specified

**14.8 Additional transport information**

Not specified

**SECTION 15: OTHER REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Country	Notification
Canada	Not regulated
EU	See EU Allergens in Section 3
Hong Kong	Not regulated
Singapore	Not regulated
USA	<b>California Prop. 65 Components</b> This product contains chemicals known to the State of California to cause cancer, birth defects, and/or reproductive harm. See Section 3 for details.

**SECTION 16: ADDITIONAL INFORMATION**

This information is provided for documentation purposes only.

The information contained in this Certificate of Analysis and Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of Indenta Chemicals (India) Pvt. Ltd. knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any Laws or Regulation. Final determination of the suitability of the material is the sole responsibility of the user. Customers should purchase products from Indenta Chemicals (India) Pvt. Ltd. with the clear understanding that all products must be used at the customer's own discretion and only after referencing Material Safety Data Sheets (MSDS) and all other relevant technical information specific to the product. Indenta Chemicals (India) Pvt. Ltd. shall not be held responsible for any damages to property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As with any manufacturing process, Indenta Chemicals (India) Pvt. Ltd. strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing. The information on the Indenta Chemicals (India) Pvt. Ltd. website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. Nothing contained herein should be considered as a recommendation by Indenta Chemicals (India) Pvt. Ltd. as to the fitness for any use. As the ordinary or otherwise use(s) of this product is outside the control of Indenta Chemicals (India) Pvt. Ltd., no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. The liability of Indenta Chemicals (India) Pvt. Ltd. is limited to the value of the goods and does not include any consequential loss. Indenta Chemicals (India) Pvt. Ltd. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.