



## Material Safety Data Sheet

### A-Benzoin Oxime

#### SECTION 1.1 – PRODUCT IDENTIFICATION

**ProductName** : A-Benzoin Oxime  
**Molecular Formula** :  $C_{14}H_{13}NO_2$   
**Molecular Weight** : 227.26 g/mol.  
**CAS No.** : 441-38-3

#### 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

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#### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
A-Benzoin Oxime	441-38-3	99

**Toxicological Data on Ingredients:** Not available.

#### SECTION 3: HAZARD IDENTIFICATION

##### EMERGENCY OVERVIEW

Light sensitive.

##### Potential Health Effects

The toxicological properties of this substance have not been fully investigated

#### SECTION 4: FIRST AID MEASURES

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

**Skin:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Inhalation:** Remove from exposure and move to fresh air immediately.

**Notes to Physician:**

#### SECTION 5: FIRE AND EXPLOSION DATA

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

## SECTION 7: HANDLING AND STORAGE

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**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:** Store in a cool, dry place. Keep container closed when not in use.

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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**Engineering Controls:** Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

**Exposure Limits** CAS# 441-38-3

### Personal Protective Equipment

**Eyes:** Wear safety glasses and chemical goggles if splashing is possible.

**Skin:** Wear safety glasses and chemical goggles if splashing is possible.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Respirators:** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**Physical State:** Crystalline powder

**Color:** white to off-white

**Melting Point:** 153 - 155 deg C

**Molecular Formula:** C<sub>14</sub>H<sub>13</sub>NO<sub>2</sub>

**Molecular Weight:** 227.26

## SECTION 10: STABILITY AND REACTIVITY

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**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials, light.

**Incompatibilities with Other Materials:** Strong oxidizing agents, strong acids.

**Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.

**Hazardous Polymerization:** Has not been reported.

## SECTION 11: TOXICOLOGICAL INFORMATION

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**RTECS#:** CAS# 441-38-3: DI1750000

**LD50/LC50: RTECS:**CAS# 441-38-3:Draize test, rabbit, eye: 500 mg/24H Mild;

**Carcinogenicity:**

ALPHA-BENZOIN OXIME, 98% - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Other:** See actual entry in RTECS for complete information.

## SECTION 12: ECOLOGICAL INFORMATION

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Not available

## SECTION 13: DISPOSAL CONSIDERATION

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Dispose of in a manner consistent with federal, state, and local regulations

## SECTION 14: TRANSPORT INFORMATION

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**IATA IMO RID/ADR**

**Shipping Name:** Not available Not available Not available

**Hazard Class:**

**UN Number:**

**Packing Group:**

## SECTION 15: OTHER REGULATORY INFORMATION

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**European/International Regulations**

European Labeling in Accordance with EC Directives

**Hazard Symbols:** Not available

**Risk Phrases:**

**Safety Phrases:** S 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)CAS# 441-38-3:** Not available

**Canada CAS# 441-38-3** is listed on Canada's DSL List

**US Federal**

**TSCA CAS# 441-38-3** is listed on the TSCA Inventory

## SECTION 16: ADDITIONAL INFORMATION

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