

**1 PRODUCT & COMPANY IDENTIFICATION**

<b>Product Name:</b>	Zinc PCA	<b>Supplier:</b>	ASES CHEMICAL WORKS.
<b>Synonyms:</b>	Zinc salt of L-Pyrrolidone Carboxylate, L-Pyrrolidone-5-carboxylic acid zinc salt	<b>Address:</b>	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
<b>INCI Name:</b>	Zinc PCA	<b>Phone:</b>	+91-9636889954
<b>CAS Number:</b>	15454-75-8	<b>Web:</b>	www.ases.in
<b>Chemical Formula:</b>	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub> Zn	<b>Email :</b>	ecom@ases.in
<b>Product Form:</b>	Solid (Powder)		
<b>Product Use:</b>	Cosmetics, Personal care product.		

**2 HAZARDS IDENTIFICATION**

**Classification of the substance or mixture GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

**GHS label elements, including precautionary statements**

**Signal word** No data available

**Hazard statement(s)**

H318 H318 Causes serious eye damage

**Precautionary statement(s)**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

P310 Immediately call a POISON CENTER/doctor/

**Other hazards** None

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS-No.	EC-No.	Formula	Composition
Zinc PCA	15454-75-8	239-473-5	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub> Zn	N/A

**4 FIRST AID MEASURES**

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**5 FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Carbon dioxide. Dry powder. Foam. Water spray.

**Special Hazards:** During combustion, may emit irritant fumes.

**Fire-Fighting/Further Advice:** Wear self-contained breathing apparatus for firefighting if necessary.

**6 ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods for cleaning:** Pick up and arrange disposal. Sweep up and shovel. Keep in closed containers for disposal.

# MATERIAL SAFETY DATA SHEET

ZINC PCA

## 7 HANDLING & STORAGE

**Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Ensure adequate ventilation. Provide accessible safety shower and eye wash station.

**Personal protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use a certified respirator or equivalent.

**Respiratory protection:** Wear approved mask.

**Hand protection:** Wear protective gloves.

**Skin protection:** Wear suitable protective clothing.

**Eye protection:** Chemical goggles or safety glasses.

**Others:** When using, do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Solid.	<b>Upper/lower flammability</b>	No data available.
<b>Appearance</b>	White powder	<b>Vapor pressure</b>	No data available.
<b>Odor</b>	Odorless.	<b>Vapor density</b>	No data available.
<b>Odor Threshold</b>	Not data available.	<b>Relative density</b>	No data available.
<b>pH (5% aq soln)</b>	6.5 to 7.5.	<b>Water solubility</b>	No data available.
<b>Boiling Point</b>	pH No data available.	<b>Partition coefficient</b>	No data available.
<b>Melting/freezing point</b>	Not data available.	<b>Auto-ignition temperature</b>	No data available.
<b>Boiling point/range</b>	Not data available.	<b>Decomposition temperature</b>	No data available.
<b>Flash point</b>	No data available.	<b>Viscosity</b>	No data available.
<b>Evaporation rate</b>	No data available.	<b>Explosive properties</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.	<b>Oxidizing properties</b>	No data available.

## 10 STABILITY AND REACTIVITY

**Reactivity:** No data available.

**Chemical Stability:** Stable under normal temperature conditions

**Hazardous Polymerization:** No data available.

**Conditions to Avoid:** No data available.

**Incompatible Materials:** Strong acids/alkalis, strong oxidising/reducing agents.

**Hazardous Decomposition Products:** Under fire conditions, may decompose and emit toxic fumes.

## 11 TOXICOLOGICAL INFORMATION

Substance is generally non-toxic and non-irritant.

**LD50/LC50:** Not available.

**Carcinogenicity:** Not available.

## 12 ECOLOGICAL INFORMATION

**Eco-toxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**PBT and vPvB assessment:** PBT/vPvB assessment unavailable as chemical safety assessment not required.

**Other adverse effects:** No data available.

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### 13 DISPOSAL CONSIDERATIONS

**Disposal methods:** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14 TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not classified as dangerous in the meaning of transport regulations.

### 15 REGULATORY INFORMATION

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

### 16 OTHER INFORMATION

#### **Disclaimer & Caution**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.