



**SALICYLATES & CHEMICALS PVT. LTD.,**  
**A-25, Road No.18, I.D.A. Nacharam,**  
**Hyderabad - 500 076 – India.**  
**Tel # 91 40 27171550, 27174691**  
**Fax # +91 40 27171249**  
Email : [corporate@salicylates.net](mailto:corporate@salicylates.net)  
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**ISO 9001: 2015**

## Safety Data Sheet

### Salilite ZPCA

#### Section 1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

##### 1.1 Product identifier :

- |                      |   |
|----------------------|---|
| • Substance Name :   | Zinc PCA  |
| • EC# :              | 239-473-5   |
| • CAS# :             | 15454 – 75 – 8  |
| • Trade Names :      | Salilite ZPCA   |
| • Chemical Formula : | C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> ZnO <sub>6</sub> |
| • INCI name          | Zinc PCA  |

##### 1.2 Relevant identified uses of the substances or mixture and used advised against

- |                              |                                   |
|------------------------------|-----------------------------------|
| • Recommended use :          | Cosmetics, personal care products |
| • Recommended restrictions : | None known                        |

##### 1.3 Details of supplier of the safety data sheet :

- |                         |  |
|-------------------------|--|
| • Manufacturer Details: | SALICYLATES & CHEMICALS PVT. LTD.,<br>A-25, Road No.18, I.D.A. Nacharam,<br>Hyderabad - 500 076 – India. |
|-------------------------|--|

##### 1.4 Emergency Telephone:

- |                                  |   |
|----------------------------------|---|
| • Emergency Telephone & Contact: | Mr. Shourie Reddy<br>Tel: +91 40 27171550, 27174691<br>Fax: +91 40 27171249 |
|----------------------------------|---|

#### Section 2 - HAZARDS IDENTIFICATION

##### 2.1 Classification of substance or mixture according to Regulation (EC) No 1272/2008 (CLP)

- |   |                       |
|---|-----------------------|
| • Hazard Class and Categories and codes : | Eye Dam. 1 Category 1 |
| • Hazard statement Code(s) :              | H 318                 |

##### 2.2 Labeling according to Regulation (EC) No 1272/2008 (CLP)




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<ul style="list-style-type: none"><li>Hazard Pictogram/Signal word:</li></ul>	 <p>GHS05 Corrosion</p>										
<ul style="list-style-type: none"><li>Hazard Statements:</li></ul>	H318 - Causes serious eye damage										
<ul style="list-style-type: none"><li>Precautionary Statements:</li></ul>	P280 - Wear protective gloves, eye protection P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER, a doctor.										
2.3. Other hazards	Not known										
<b>Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS</b>											
<table border="1"><thead><tr><th>Constituent</th><th>CAS No.</th><th>EC No.</th><th>Typical Concentration</th><th>Remarks</th></tr></thead><tbody><tr><td>Zinc PCA</td><td>15454 - 75 - 8</td><td>239-473-5</td><td>100%</td><td>None</td></tr></tbody></table>	Constituent	CAS No.	EC No.	Typical Concentration	Remarks	Zinc PCA	15454 - 75 - 8	239-473-5	100%	None	
Constituent	CAS No.	EC No.	Typical Concentration	Remarks							
Zinc PCA	15454 - 75 - 8	239-473-5	100%	None							
<b>Section 4 - FIRST AID MEASURES</b>											
4.1 Description of First Aid measures:											
<ul style="list-style-type: none"><li>General measures :</li></ul>	Remove soiled or soaked clothing immediately. Seek medical assistance if discomfort continues.										
<ul style="list-style-type: none"><li>Eye contact :</li></ul>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.										
<ul style="list-style-type: none"><li>Skin Contact :</li></ul>	Wash with plenty of soap and water.										
<ul style="list-style-type: none"><li>Inhalation :</li></ul>	Remove person to fresh air and keep comfortable for breathing										
<ul style="list-style-type: none"><li>Ingestion :</li></ul>	Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.										
4.2. Most important symptoms and effects, both acute and delayed											
<ul style="list-style-type: none"><li>Symptoms/injuries after eye contact :</li></ul>	Serious damage to eyes										



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#### 4.3. Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

#### Section 5 - FIRE-FIGHTING MEASURES

##### 5.1. Extinguishing media:

Suitable extinguishing media: Water spray. Dry powder. Foam

Unsuitable extinguishing media: carbon dioxide, Full water jet

##### 5.2. Special hazards arising from the substance or mixture

: Toxic fumes may be released.

##### 5.3. Advice for fire-fighters

Special protective equipment for firefighters: Use self-contained breathing apparatus. Wear full protective suit. Wear self-contained breathing apparatus (SCBA) and full protective clothing.

Further information:

Wear self-contained breathing apparatus (SCBA) and full protective clothing.

#### Section 6 - ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures:

- |                                   |   |
|-----------------------------------|---|
| • Personal Protective Equipment : | Use personal protective clothing.<br>Ensure adequate ventilation.<br>Avoid dust formation.<br>Avoid contact with skin and eyes. |
| • Skin Protection :               | Avoid contact with eyes and skin by use of protective equipment. (as mention in section 8.2)                                    |
| • Respiratory Protection :        | Wear personal respiratory protective equipment. .(as mention in section 8.2)  |
| • Work Practices:                 | Do not eat, drink, and smoke at working place.<br>Avoid contact with skin and eye.<br>Take care on disposal of product.         |

##### 6.2. Environmental precautions:

- If the product gets into drains, inform the relevant authorities immediately.
- Do not discharge into the drains/surface waters/groundwater.

##### 6.3. Methods and material for containment and cleaning:

- Place in suitable containers and send for recovery or disposal.
- Take up mechanically



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#### Section 7 - HANDLING AND STORAGE

##### 7.1 Precautions for safe handling

- Ensure good ventilation of the work station. Wear personal protective equipment.

##### 7.2 Conditions for storage

Store in a well-closed container at a temperature not exceed 25°C, protected from direct sunlight and Moisture, unless otherwise specified.

#### Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

##### 8.1 Control parameters:

Not Applicable.

##### 8.2 Exposure Control:

- |                           |  |
|---------------------------|--|
| • Engineering measures:   | Provide general ventilation.   |
| • Respiratory Protection: | Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure.<br>Particle filter P2  |
| • Hand Protection:        | Chemical resistant gloves according to category III of DIN EN374<br>Minimum thickness (glove): not determined<br>With solid dry substances permeation is not to be expected, therefore the breakthrough-time for this protective glove has not been measured.<br>These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used. |
| • Eye protection:         | safety glasses   |
| • Skin protection:        | protective clothing  |
| • Hygiene measures        | Work in an adequately ventilated room.<br>Change contaminated clothes immediately.   |

#### Section 9 – PHYSICAL & CHEMICAL PROPERTIES:

##### 9.1 Information on basic physical and chemical properties:

- |                |                          |
|----------------|--------------------------|
| • Appearance : | White crystalline powder |
| • Odor :       | Not available            |



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• Odor threshold :	Not available
• pH	5.0 – 7.0 (10 % w/v solution)
• Melting point/Freezing point :	Not available
• Boiling point/boiling range :	Not available
• Flash Points :	Not available
• Evaporation rate :	Not available
• Flammability of the Product :	Not available
• Flammable Limits :	Not available
• Vapour pressure :	Not available
• Vapour density :	Not available
• Relative density :	Not available
• Solubility :	Soluble in water, freely soluble in hot water.
• Partition coefficient:n-octanol/water :	Not available
• Auto-Ignition Temperature :	Not available
• Decomposition temperture :	Not available
• Viscosity :	Not available
• Explosive properties :	Not available
• Oxidising properties :	Not available
<b>9.2 Other information :</b> Not available	
<b>Section 10 – STABILITY AND REACTIVITY</b>	
• Reactivity :	No hazardous reactions known. Stable.
• Chemical stability :	Stable.
• Possibility of hazardous reactions :	No hazardous reactions known. Stable.
• Conditions to avoid :	Strong heat.
• Hazardous decomposition products :	Not Known.
• Incompatible materials :	Iron, Aluminium.
<b>Section 11 - TOXICOLOGICAL INFORMATION</b>	
• No hazard identified	
<b>11.1 Information on toxicological effects:</b>	



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<ul style="list-style-type: none"><li>• Toxicity</li></ul>	Acute Oral toxicity
<ul style="list-style-type: none"><li>• Species</li></ul>	Rat
<ul style="list-style-type: none"><li>• Effect level</li></ul>	LD50 > 2000 mg/kg bw
<b>11.2 Irritation Corrosion:</b>	
<ul style="list-style-type: none"><li>• Eye: In vitro ocular irritant potential : Moderate eye irritant (product diluted to 10%) pH: 5 - 6 (Aqueous solution 10%)</li><li>• Skin: Not irritating</li></ul>	
<b>11.3 Sensitization</b>	
<ul style="list-style-type: none"><li>• Skin: Not sensitising</li></ul>	
<b>11.4 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b>	
<ul style="list-style-type: none"><li>• Carcinogenicity :</li></ul>	Non-carcinogenic
<ul style="list-style-type: none"><li>• Mutagenic effects :</li></ul>	Not mutagenic
<ul style="list-style-type: none"><li>• Reprotoxic effects :</li></ul>	Not found to be reprotoxic.
<b>11.5 Other toxic effects on humans:</b>	
<ul style="list-style-type: none"><li>• Inhalation :</li></ul>	No data available
<ul style="list-style-type: none"><li>• Eyes :</li></ul>	No data available
<ul style="list-style-type: none"><li>• Ingestion :</li></ul>	No data available
<ul style="list-style-type: none"><li>• Chronic toxicity :</li></ul>	No data available
<b>11.6 NIOSH Immediately Dangerous To Life or Health Concentration (IDLH):</b>	
<ul style="list-style-type: none"><li>• No information available</li></ul>	
<b>11.7 Specific target organ toxicity:</b>	
<ul style="list-style-type: none"><li>• Single exposure :</li></ul>	No experimental or epidemiological sufficient evidence for specific target organ toxicity
<ul style="list-style-type: none"><li>• Repeated exposure :</li></ul>	No experimental or epidemiological sufficient evidence for specific target organ toxicity
<b>Section 12 - ECOLOGICAL INFORMATION</b>	



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<b>12.1 Ecotoxicity:</b>	
Not data available	
<b>12.2 Persistence and degradability:</b>	
<ul style="list-style-type: none"><li>Not data available</li></ul>	
<b>12.3 Bioaccumulative potential:</b>	
<ul style="list-style-type: none"><li>The substance was not B/vB</li></ul>	
<b>12.4 Mobility in soil:</b>	
<ul style="list-style-type: none"><li>Data not available</li></ul>	
<b>12.5 Results of PBT and vPvB assessment:</b>	
<ul style="list-style-type: none"><li>Not PBT and PVB</li></ul>	
<b>12.6 Other adverse effects:</b>	
<ul style="list-style-type: none"><li>None</li></ul>	
<b>Section 13 - DISPOSAL CONSIDERATIONS:</b>	
<ul style="list-style-type: none"><li>Disposal of Packaging:</li></ul>	Regulations concerning reuse or disposal of used packaging materials must be observed. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
<b>Section 14 - TRANSPORT INFORMATION</b>	
The product does not classified hazardous to transport as per Land transport (ADR/RID), Marine transport (IMDG), Air transport ICAO/IATA, and Department of Transportation (DOT).	
<ul style="list-style-type: none"><li>UN Number</li></ul>	: not restricted
<ul style="list-style-type: none"><li>UN proper shipping name</li></ul>	: not restricted
<ul style="list-style-type: none"><li>Transport hazard class</li></ul>	: not restricted
<ul style="list-style-type: none"><li>Packing group</li></ul>	: not restricted






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<ul style="list-style-type: none"><li>Environmental hazards : not restricted</li></ul>									
<b>Section 15 - REGULATORY INFORMATION</b>									
<b>15.1 Other regulatory information:</b>									
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.									
Safety, health and environmental regulations/legislation specific for the substance or mixture No data available.									
<ul style="list-style-type: none"><li>HMS (Hazardous Materials Identification system) classification</li></ul>	<table border="1"><tr><td><b>Health</b></td><td><b>1</b></td></tr><tr><td><b>Fire</b></td><td><b>1</b></td></tr><tr><td><b>Physical Hazard</b></td><td><b>0</b></td></tr><tr><td><b>Personal Protection</b></td><td><b>E</b></td></tr></table> <p>1= - Irritation or minor reversible injury possible</p> <p>1= Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 °F. (Class III B).</p> <p>0= Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.</p> <p>E =  Safety Glasses +  Gloves +  Dust Respirator</p>	<b>Health</b>	<b>1</b>	<b>Fire</b>	<b>1</b>	<b>Physical Hazard</b>	<b>0</b>	<b>Personal Protection</b>	<b>E</b>
<b>Health</b>	<b>1</b>								
<b>Fire</b>	<b>1</b>								
<b>Physical Hazard</b>	<b>0</b>								
<b>Personal Protection</b>	<b>E</b>								



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<ul style="list-style-type: none"><li>• NFPA : (National Fire Protection Association)</li></ul>	<table border="1"><tr><td><b>Health</b></td><td><b>1</b></td></tr><tr><td><b>Fire</b></td><td><b>1</b></td></tr><tr><td><b>Reactivity</b></td><td><b>0</b></td></tr></table> <p>1 = - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.</p> <p>1 = Materials that must be strongly heated before ignition will occur.</p> <p>0=Normally stable, even under fire exposure conditions, and are not reactive with water.</p>	<b>Health</b>	<b>1</b>	<b>Fire</b>	<b>1</b>	<b>Reactivity</b>	<b>0</b>
<b>Health</b>	<b>1</b>						
<b>Fire</b>	<b>1</b>						
<b>Reactivity</b>	<b>0</b>						
<b>15.2 Chemical Safety Assessment:</b>							
<ul style="list-style-type: none"><li>• A chemical safety assessment has been carried out for the substance or the mixture by the supplier (LR)- No</li></ul>							
<b>Section 16 – OTHER INFORMATION</b>							
<b>16.1 Technical Advice:</b>							
<ul style="list-style-type: none"><li>• Use data given in this Safety Data Sheet and make an inventory list of all chemicals used in the factory</li><li>• Create a Register for Workplace Chemicals;</li><li>• Set priorities concerning the safety in the organization</li><li>• Create emergency plans for the assessed hazards;</li><li>• Organize occupational health care and regular surveys as necessary;</li><li>• Organize contacts with authorities/laboratories to create a monitoring system for chemical hazards, and to reliably measure and/or estimate occupational exposures to chemicals when needed;</li><li>• Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards;</li><li>• Involve workers in safety organizations, such as the system of Safety Representatives and Committees.</li><li>• Do regular inspection using checklists made for the particular chemicals and chemical processes in use;</li><li>• Mark and label all chemicals;</li><li>• Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of Chemical Safety Data Sheets for these chemicals;</li><li>• Train workers to read and understand the Chemical Safety Information, including the health hazards and routes of exposure; train them to handle dangerous chemicals and processes with respect;</li><li>• Plan, develop and choose the safe working procedures;</li><li>• Reduce the number of people coming into contact with dangerous chemicals;</li><li>• Reduce the length of time and/or frequency of exposure of workers to dangerous chemicals;</li><li>• Train workers to know and understand the emergency procedures;</li></ul>							



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- Equip and train workers to use personal protective equipment properly after everything possible has been done to eliminate hazards by means of other methods;

#### 16.2 List of relevant R phrases:

Preparation Date: May 2021

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