



## Orchid Healthcare Material Safety Data Sheet

### Cephalexin Capsules 250mg & 500 mg

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER** : **Orchid Healthcare**  
(A Division of Orchid Chemicals & Pharmaceuticals Ltd.)  
Plot No. B3-B6 & B11-B14, SIPCOT Industrial park,  
Irungattukottai, Sriperumbudur,  
Kancheepuram District – 602 105, India

**PRODUCT NAME** : Cephalexin Capsules 250mg & 500 mg

**CHEMICAL NAME** : 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,  
7-[[[(2R)-aminophenylacetyl]amino]-3-methyl-8-oxo-,  
monohydrate, (6R,7R)-

**CHEMICAL FAMILY** : Semi-synthetic broad-spectrum cephalosporin antibiotic

#### SECTION 2 - INFORMATION ON INGREDIENTS

| Ingredients                       | Quantity                  |
|-----------------------------------|---------------------------|
| Cephalexin                        | 250mg / 500mg per Capsule |
| Non – Hazardous Ingredients       | q.s.                      |
| Contains no hazardous components. |                           |

#### SECTION 3 - HAZARDS IDENTIFICATION SUMMARY

##### Appearance

|               |                                                                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>500 mg</b> | Green coloured opaque cap and opaque light green coloured body, size “o” hard gelatin capsules, filled with white to off white granular powder. |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

|               |                                                                                                                                           |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>250 mg</b> | Green coloured opaque cap and opaque white coloured body, size "2" hard gelatin capsules, filled with white to off white granular powder. |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|

- Fire And Explosion** : Assume that this product is capable of sustaining combustion.
- Health** : Significant adverse health effects are associated with chronic high level exposures.
- Chronic Health Effects** : Potential organ systems affected are : Kidneys  
Adverse effects could include: Allergic reaction
- Environment** : No known significant effects or critical hazards.

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#### SECTION 4 - FIRST AID MEASURES

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- Eye contact** : Flush eyes with plenty of water for 15 minutes, occasionally lifting upper and lower eyelids.(Check person for contact lenses and remove if present).If redness or irritation persists have eyes examined by doctor immediately.
- Inhalation** : Move individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide artificial respiration assistance (mouth-to-mouth) and call a physician immediately.
- Skin Contact** : Remove contaminated clothing and clean before reuse. Wash all exposed areas of skin with plenty of soap and water. Get medical attention if irritation develops.

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#### SECTION 5 - FIRE FIGHTING MEASURES

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- Extinguisher Media** : Use water, carbon dioxide, dry chemical, foam, or Halon.
- Special Fire fighting Procedures** : Qualified persons wearing full fire-fighting suits and approved/certified self-contained breathing
- Special Fire Fighting protective Equipment** : No special product precautions or equipment.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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- Small Spill Guidelines** : Follow your company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment. Use a tool to scoop up solid or absorbed material and put into appropriate labeled waste container.
- Large Spill Guidelines** : Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment.
- Environmental Precautions** : No special measures are typically indicated.

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## SECTION 7 - HANDLING AND STORAGE

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- Handling** : Avoid contact with eyes, skin and clothing. Avoid generating or breathing product aerosol. Wash after handling.
- Storage** : Store tightly closed in original container. Keep containers in a well-ventilated, secure location. Controlled Room Temperature: 15 to 30 C (59 to 86 F).

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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- Engineering Design and Control Measures:** General ventilation is typically sufficient to keep airborne level below established values. Provide eyewash and quick drench shower close to workstation. Clean, appropriately launder, or dispose of all potentially contaminated work clothing, footwear, and protective equipment after use.

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### Protective Clothing:

- EYES** : Safety glasses /goggles or face shield where product Aerosol or splash potential exists.
- SKIN** : Lab coat
- HANDS** : Gloves, chemical resistant
- RESPIRATORY** : Respirator selections must be based on anticipated Exposure levels, product hazards, and the safe working limits of the selected respirator. A respirator Is not needed under normal and intended condition of Product use.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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### Physical state and Appearance

|               |                                                                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>500 mg</b> | Green coloured opaque cap and opaque light green coloured body, size "o" hard gelatin capsules, filled with white to off white granular powder. |
| <b>250 mg</b> | Green coloured opaque cap and opaque white coloured body, size "2" hard gelatin capsules, filled with white to off white granular powder.       |

Chemical Properties: No applicable information found.

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## SECTION 10 - STABILITY AND REACTIVITY

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Stable under recommended storage conditions.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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|------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Chronic Toxicity</b>      | : Chronic exposure may cause nausea and vomiting, Higher exposure causes unconsciousness.          |
| <b>Local Effects</b>         | : Symptoms of over exposure may be Headache, dizziness, tiredness, nausea and vomiting.            |
| <b>Specific Effects</b>      | : May include moderate to severe erythema(Redness) And moderate edema, nausea, vomiting, Headache. |
| <b>Primary Irritation</b>    | : No data is available on the product itself.                                                      |
| <b>Carcinogenic Effects</b>  | : No data is available on the product itself.                                                      |
| <b>Mutagenic Effects</b>     | : No data is available on the product itself.                                                      |
| <b>Reproductive Toxicity</b> | : No data is available on the product itself.                                                      |

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## SECTION 12 - ECOLOGICAL INFORMATION

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No relevant studies identified.

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### SECTION 13 - DISPOSAL CONSIDERATIONS

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**Waste Handling And Disposal:** Avoid disposal, make attempts to use product completely in accordance with intended use. Incinerate unwanted products and waste materials.

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### SECTION 14 - TRANSPORT INFORMATION

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The Material Safety Data Sheet (MSDS) should accompany all shipments for reference in the event of spillage or accident release. Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labeling for air, maritime, or ground transport purposes.

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### SECTION 15 - REGULATORY INFORMATION

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No information found.

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### SECTION 16 - OTHER ADDITIONAL INFORMATION

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The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and suitability of the material or product for any particular purpose.

Orchid Healthcare shall not be held liable for any damage resulting from handling or from contact with the above product. Orchid Healthcare reserves the right to revise this MSDS.