

**Description :**

**Silvadazin<sup>®</sup>** (Silver Sulfadiazine) is an antimicrobial agent for the topical prophylaxis of burns wound infection.

**Composition :**

Each gram cream contains Silver Sulfadiazine USP 10 mg.

**Pharmacology :**

**Silvadazin<sup>®</sup>** (Silver sulfadiazine) has broad antimicrobial activity. It is bactericidal for many gram-negative and gram-positive bacteria as well as being effective against yeast. After application of silver sulfadiazine cream onto the burn wound surface the compound acts a reservoir of silver ions. Silver ion exerts a bactericidal effect on bacteria. Silver penetrates into cell of bacteria and binds to DNA, thereby inhibiting replication.

**Indications :**

Prophylaxis and treatment of infection in burn wounds; as an adjunct to short-term treatment of infection in leg ulcers and pressure sore; as an adjunct to prophylaxis of infection in skin graft donor sites and extensive abrasions; for conservative management of finger-tip injuries.

**Dosage & Administration :**

The burn wounds should be cleaned and **Silvadazin<sup>®</sup>** applied over all the affected areas to a depth of 3 to 5 mm. One technique is to apply the cream with a sterile gloved hand and/or sterile nonmetallic spatula. Where necessary, the cream should be reapplied to any area from which it has been removed by patient activity. The cream should be reapplied at least every 24 hours.

**Contraindications :**

Pregnancy and breast-feeding; Sensitivity to sulphonamides; not recommended for neonates.

**Side effect :**

Allergic reactions including burning, itching and rashes; neutropenia reported.

**Precaution:**

General If hepatic and renal functions become impaired and elimination of drug decreases, accumulation may occur and discontinuation of this should be weighed against the therapeutic benefit being achieved. In considering the use of topical proteolytic enzymes in conjunction with it, the possibility should be noted that silver might inactivate such enzymes. Laboratory Tests In the treatment of burn wounds involving extensive areas of the body, the serum sulfa concentrations may approach adult therapeutic levels (8 mg% to 12 mg%). Therefore, in these patients it would be advisable to monitor serum sulfa concentrations. Renal function should be carefully monitored and the urine should be checked for sulfa crystals.

**Drug Interaction**

Sulfadiazine has interaction with Enzymatic debriding agents, Oral hypoglycemic agents, Phenytoin, Cimetidine.

**Use in Special Group:**

*Use in Pregnancy:* Pregnancy Category B. This drug should be used during pregnancy only if clearly justified, especially in pregnant women approaching or at term.

*Use in Lactation:* It is not known whether Silver Sulfadiazine is excreted in human milk. A decision should be made, whether to discontinue nursing or to discontinue the drug, taking into account the importance of the drug to the mother.

*Pediatric Use:* Safety and effectiveness in pediatric patients have not been established.

**Storage :**

Store in a cool & dry place, away from light. The tube / jar should be tightly closed. Keep out of the reach of children.

**Packing :**

Tube containing 25 g cream / Jar containing 250 g cream.