

Brand Name: POVODIN OINTMENT

Composition: Povidone-Iodine ointment USP

Dosage Form: Cream

Category: Broad-Spectrum Topical Antiseptic

Packaging Type: LEMITUBE

Packaging: 20 gm

Brief Product Information:

POVODIN is a broad-spectrum topical antiseptic cream manufactured by **AstraEureka Pharmaceutical**, a well-established **manufacturer of composition** containing **Povidone-Iodine IP 5% w/w**. This water-soluble cream formulation is used to disinfect wounds, cuts, burns, and infected skin areas by effectively eliminating a wide range of microorganisms, including bacteria, viruses, fungi, and protozoa. It helps prevent and control local infections and supports wound healing.

Composition:

Povidone-Iodine IP.....5% w/w

Water Soluble Ointment Base.....q.s.

Key Ingredients:

1. **Povidone-Iodine IP 5% w/w** – A stable complex of iodine with a polymer carrier (povidone), offering a controlled release of free iodine for antimicrobial action.
2. **Water Soluble Ointment Base Q.S.** – Non-greasy base that ensures easy application, skin absorption, and water washability.

Key Benefits:

1. Provides rapid and effective antimicrobial action.
2. Helps in preventing infections in minor wounds, cuts, abrasions, and burns.
3. Promotes clean wound healing by eliminating pathogens.
4. Reduces microbial contamination during pre- and post-surgical procedures.
5. Non-staining, water-soluble base offers clean and convenient application.
6. Safe for repeated use on intact or damaged skin when used as directed.

Indications:

1. Minor cuts, wounds, scrapes, and abrasions
2. First-degree and second-degree burns
3. Skin infections including bacterial, fungal, and viral
4. Ulcers and diabetic foot lesions

5. Preoperative skin disinfection
6. Post-surgical wound care
7. Bedsores and pressure ulcers

Directions for Use:

1. Clean the affected area with sterile water or saline.
2. Apply a thin layer of POVODIN evenly over the area.
3. Cover with a sterile bandage if needed.
4. Repeat 1 to 3 times daily, or as prescribed by a healthcare professional.
5. Wash hands after each application unless treating hands.

Doses and Administration:

1. Apply topically 1 to 3 times a day.
2. Use the minimal amount needed to cover the wound.
3. Continue until infection clears or as advised by a physician.
4. Suitable for short-term use; prolonged use only under medical supervision.

Safety Information:

1. For external use only.
2. Avoid contact with eyes, mucous membranes, or deep wounds unless directed.
3. Do not use for extended periods on large body surfaces.
4. Use with caution in patients with thyroid disorders.
5. May cause temporary discoloration of skin, which is washable.
6. Keep out of reach of children.

Mechanism of Action:

- **Povidone-Iodine** acts by releasing **free iodine**, which rapidly penetrates microbial cell walls and interacts with essential proteins and enzymes through oxidation and iodination, leading to irreversible damage and microbial cell death.
- The povidone carrier ensures sustained release of iodine, maintaining prolonged antimicrobial activity with minimal irritation.
- This mechanism provides broad-spectrum coverage, killing gram-positive and gram-negative bacteria, fungi, protozoa, and even some viruses.

Contraindications:

1. Known allergy or hypersensitivity to iodine or povidone-iodine.
2. Patients with thyroid disorders, including hyperthyroidism and nodular goiter.

3. Infants under 6 months unless under medical supervision.
4. Use in patients receiving radioactive iodine therapy.
5. Not suitable for continuous long-term use on large wounds without monitoring.

Side Effects:

1. Mild local irritation or redness
2. Rare allergic skin reactions (contact dermatitis)
3. Transient staining of the skin (easily washable)
4. Potential iodine absorption affecting thyroid function in rare cases
5. Delayed healing if used excessively over large areas

Important Notice:

- Not for internal use.
- Do not use in eyes, ears, or deep puncture wounds unless directed.
- Discontinue use and consult a healthcare provider if symptoms persist or worsen.
- Prolonged use in infants and pregnant women only under medical advice.
- Ensure hygiene and avoid contamination of the cream during use.

Storage Condition:

1. Store below 25°C in a dry and cool place.
2. Protect from direct light and excessive heat.
3. Do not freeze.
4. Keep the tube tightly closed and store in original packaging.

Packing Information:

- Packaging Type: LEMITUBE
- Packaging: 25 gm.