

ACTNISE®

Wintergreen oil + Camphor + Eucalyptus oil + Menthol

RUBS OFF PAIN



PharmEvo
Our dream, a healthier society

50g

Herbal Medicinal Product
For external use only

COMPOSITION

Each tube contains percent w/w:

Wintergreen Oil (UPI).....	12.50%
Camphor (UPI).....	3.00%
Menthol (UPI).....	2.00%
Eucalyptus Oil (UPI).....	1.50%
Product Specification SM.	

DESCRIPTION

ACTNISE is a phyto-pharmaceutical product containing extracts of powerful plants renowned for their efficacy as topical analgesics and inflammation inhibitors. There is a unique advantage of **ACTNISE** over conventional topical NSAIDs due to its collective action as counter irritant, rubefacient, analgesic and inflammation inhibitor.

PHARMACOLOGICAL PROPERTIES

MECHANISM OF ACTION

ACTNISE is a unique blend of natural constituents which has both analgesic and anti-inflammatory properties. The powerful analgesic effect is mainly due to the presence of counter irritant and rubefacient ingredients in this product.

Pain relief is mainly due to the presence of Wintergreen oil (Methyl Salicylate), Eucalyptus oil, Menthol and Camphor. Wintergreen oil causes dilation of the capillaries thereby increasing blood flow to the area. Wintergreen contains methyl salicylate that reduces pain and swelling when applied topically, and fever. As a TRPV1 agonist camphor has counter-irritant and desensitizing properties, which account for, at least partially, the analgesic actions of camphor. Menthol produces its central analgesic action on inflammatory pain probably via the blockage of voltage-gated Na (+) and Ca (2+) channels. Eucalyptus oil also acts as a counterirritant. Together when they are applied to the intact skin they have a counter irritant and rubefacient action, causing first a sensation of warmth, which is followed by mild local anesthesia. They are used for pain relief in the treatment of chronic inflammatory musculoskeletal conditions including rheumatic pain and to relieve neuralgia.

PHARMACOKINETICS

The product exerts its action locally after topical application; little or no absorption is expected to occur with prescribed quantities.

THERAPEUTIC USES

ACTNISE is used topically for relief of mild to moderate pain in the following conditions:

- Arthritis
- Rheumatism
- Backache
- Muscular Sprains
- Stiff Neck
- Bursitis Muscle
- Sciatica
- Bruises

DOSAGE AND ADMINISTRATION

Apply the cream in small amounts to the affected painful area with a gentle massage 1 to 2 times a day or as prescribed by the physician.

CONTRAINDICATIONS

- Hypersensitivity to salicylates, eucalyptus, menthol or camphor
- This product is contraindicated in children less than 2 years of age.

WARNINGS AND PRECAUTIONS

- The product is for external use only on the skin. Accidental ingestion must be prevented
- Do not use the product on damaged or broken skin.
- Wash hands thoroughly after use. Avoid accidental contact with eyes; if contact occurs rinse eyes thoroughly with water.
- Do not use with a heating pad.
- Do not apply to mucous membranes, nostrils or any part of the face. It is dangerous to place any camphor containing product into the nostrils of children. A small amount applied this way may cause immediate collapse.

- Discontinue use if excessive skin irritation or symptoms of skin allergy develop.
- Avoid excessive topical application of large quantities as it might lead to systemic exposure of the active ingredients. However, due to the recommended route of administration; systemic exposure is very low and undesirable effects due to systemic exposure have not been observed when applied in prescribed quantities.

ADVERSE REACTIONS

Redness, irritation of the skin, allergic dermatitis, warmth, contact eczema.

DRUG INTERACTIONS

Interactions with other medications taken orally are unlikely to occur with the topical use of this product. However, systemic absorption of the active ingredients may occur to some extent if large amounts are applied to the skin.

Using large amounts of the product on skin and taking drugs that affect blood clotting (like Warfarin, Aspirin and NSAIDs) at the same time might increase the risk of side effects.

USE IN SPECIAL POPULATIONS

Pregnancy & Nursing Mothers

Wintergreen: Not suitable for use in pregnancy. Camphor/Eucalyptus Oil/Menthol Safety is not known. Adverse effects are not expected to occur with the topical use of this product in pregnant women and lactating mothers unless large amounts are applied topically. However, in the absence of data with topical use during pregnancy or lactation; caution should be exercised and a doctor should be consulted prior to use.

Pediatrics

Use with caution in children under 12 years.

It is dangerous to apply any camphor containing product into the nostrils of children. A small amount applied this way may cause immediate collapse. Products containing Eucalyptus oil must not be used on the face or nose of infants and young children as it may produce laryngeal spasm and subsequent respiratory arrest

Don't use this product on the skin of children less than 2 years old.

OVERDOSAGE

Over dosage (excessive topical application) may result in skin irritation. Systemic absorption of the active ingredients is also possible leading to adverse effects. Most instances of human toxicity with topical use are due to over-application, especially involving children. Washing the skin with soap and water is recommended in case of excessive application and medical advice should be sought.

MISUSE:

Swallowing of the product might cause gastrointestinal symptoms like vomiting and diarrhea. Treatment is symptomatic.

After significant accidental consumption, acute poisoning may be observed with nausea, vomiting, abdominal pain, and headache, vertigo, flushing, convulsions, respiratory depression and coma.

In case of accidental ingestion seek medical assistance. Patients with severe gastrointestinal or neurological symptoms of poisoning should be observed and treated symptomatically. Do not induce vomiting. Early use of hemodialysis in conjunction with maximal supportive measures is also encouraged

PRESENTATION

Available in 50gm tube

INSTRUCTIONS

Store below 30°C.
Protect from sunlight, heat and moisture.
Keep out of the reach of children.
For external use only.

ہدایات:
30°C سے کم درجہ حرارت پر رکھیں۔
دھوپ، گرمی اور نمی سے بچائیں۔
بچوں کی نگاہ سے دور رکھیں۔
صرف بیرونی استعمال کے لئے۔

A product of

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Our dream, a healthier society
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