

## **Prescribing information**

### **Description:**

Diclofenac Diethylamine is systemically absorbed through the skin; it inhibits the enzyme cyclo-oxygenase, thus reducing the formation of PGE<sub>2</sub>. Moreover, it also increases the uptake of Arachidonic acid into the cellular pool. Oleum Lini contains predominantly Essential Fatty Acids i.e.  $\omega$ -Linolenic acid. On percutaneous absorption,  $\omega$ -Linolenic acid gets converted to Elcosapentanoic acid (EPA). EPA is acted upon by cyclo-oxygenase enzyme to produce prostaglandin E<sub>3</sub> which is a weak inflammatory agent. Presence of EPA prevents the action of cyclo-oxygenase on Arachidonic acid which reduces its conversion to PGE<sub>2</sub> (a highly inflammatory agent). Presence of PGE<sub>3</sub> itself modulates the inflammatory response through a feedback mechanism. Menthol is a vasodilator. It dilates the blood vessels, produces a feeling of coolness and produces analgesia. Methyl salicylate is a known anti-inflammatory agent.

**Indications:** Indicated for the quick relief from pain, swelling and inflammation due to musculo-skeletal disorders such as sprains, Strains, tendinitis, bursitis, hands, neck & shoulder pain, sciatica, muscle stiffness, joint pain, back ache and lumbago.

**Dosage:** Approximately one inch band of Cream should be applied to the affected site three to four times daily with rubbing till the film disappears.

**Side effects:** Usually well tolerated. Extremely low frequency of hypersensitivity reactions.

**Contraindications:** Known hypersensitivity to any part of the preparation.

**Precaution:** For external use only. Avoid contact with the eyes. Stop use and ask a doctor if condition worsens or does not improve within 7 days. Keep out of the reach of children. If swallowed, get medical help or contact a poison control center right away.

### **Pharmaceutical Precautions**

Store in a cool and dry place, protected from light.

### **Commercial Pack**

Volitra gel: Box containing 50 gm tube. Each 100 gm Gel contains Diclofenac Diethylamine BP 1.16 gm (eq. to Diclofenac Sodium 1 gm).