

# Demarin<sup>®</sup>

Oxaprozin

## Description

Demarin<sup>®</sup> is a preparation of oxaprozin, a nonsteroidal anti-inflammatory agent (NSAIDs). It is an inhibitor of prostaglandin synthesis, which exhibits anti-inflammatory, analgesic and antipyretic activity.

## Indications and Uses

Demarin<sup>®</sup> is indicated for the treatment of rheumatoid arthritis, osteoarthritis, juvenile rheumatoid arthritis, ankylosing spondylitis, tendonitis, bursitis and acute gout. It is also indicated for the relief of mild to moderate pain.

## Dosage and Administration

### Adult:

1200 mg per day taken in single dose or two divided doses per day. The total daily dose should not exceed 1800 mg. (26 mg/kg, whichever is lower) in oral administration.

### Children:

#### For juvenile rheumatoid arthritis:

The usual dose for children over 6-16 years is recommended, the dose given orally once per day based on the body weight as follows:

Child's weight	Dose
22 – 31 kg	600 mg once daily
32 – 54 kg	900 mg once daily
≥ 55 kg	1200 mg once daily

## Use in pregnancy & lactation

Teratogenic effects of Oxaprozin showed - Pregnancy Category C in animal studies. There are no adequate or well-controlled studies in pregnant women or lactating mother. Oxaprozin should be used during pregnancy only if the potential benefits justify the potential risks to the fetus and use in nursing mother should be avoided.

## Side-effects

The more frequent reactions are nausea, vomiting, abdominal discomfort and epigastric distress, skin, rashes, urticaria, tinnitus, edema, headache, insomnia, cognitive dysfunction, anemia etc, The more serious reactions like gastrointestinal bleeding, peptic ulceration, hemorrhage, perforation and colitis etc. may occur occasionally.

## Contraindications

Oxaprozin is contraindicated in acute peptic ulcer or if there is any hypersensitivity to Oxaprozin. It should not be given to patients in whom aspirin or other non-steroidal anti-inflammatory/ analgesic drugs induce asthma, rhinitis or urticaria.

## Precautions

Demarin<sup>®</sup> should be given with precautions if there is any gastrointestinal diseases, bronchial asthma, allergic diseases, impaired renal function etc.

## **Overdosage**

Significant over dosage of the drug may be characterized by drowsiness, heartburn, indigestion, and nausea or vomiting. It is not known what doses of the drug (if any) would be life threatening.

## **Drug interactions**

Demarin<sup>®</sup> and other non-steroidal anti-inflammatory drugs can reduce the anti-hypertensive effect of propranolol and other beta-blockers. The natriuretic effects of furosemide have been reported to be inhibited by some drugs of this class. Concurrent administration of methotrexate may enhance its toxicity due to reduce tubular secretion. Animal studies indicate that the prompt administration of activated charcoal in adequate amount would tend to reduce markedly the absorption of the drug.

## **Pharmaceutical precautions**

Protect from light, store below 30°C and keep away from children.

## **Packaging**

Demarin<sup>®</sup> 600 mg tablet: Box containing 3 strips of 10 tablets each. Each film coated tablet contains Oxaprozin USP 600 mg.

® Registered Trade Mark



**ACI Limited**

Narayanganj, Bangladesh