

Tilex[®] Max

Glucosamine Sulfate 750 mg
& Diacerein 50 mg



COMPOSITION

Tilex[®] Max Tablet: Each film coated tablet contains Glucosamine Sulfate 750 mg (equivalent to Glucosamine Sulfate Potassium Chloride USP 995 mg) & Diacerein INN 50 mg.

PHARMACOLOGY

Glucosamine is a natural substance produced in the human body and found in certain foods. Glucosamine stimulates the production of glycosaminoglycan & proteoglycan, two essential building blocks of cartilage . Glucosamine acts, as a supplement, as a joint lubricant and shock absorber necessary to maintain healthy cartilage and joint function. Diacerein is an anti-inflammatory analgesic and antipyretic drug, indicated specially for the treatment of arthritic conditions. It directly inhibits IL-1 synthesis and release in vitro and down modulates IL-1 induced activities and relieves Osteoarthritis.

PHARMACOKINATICS

Oral bioavailability of Diacerein and Glucosamine is 56% and 26%. Food increases absorption & delays T_{max}. Therefore, Diacerein is best given with food. Diacerein mainly binds with plasma albumin. Glucosamine is not protein-bound but slightly binds with globulins. Synovial fluid concentration of Diacerein is 0.3 to 3.0 mg/L. Diacerein and Glucosamine predominantly metabolized by liver and excreted through urine.

INDICATION

Indicated for the treatment of Osteoarthritis, Rheumatoid arthritis & Joint injuries.

DOSAGE & ADMINISTRATION

Adult & Children above 12 years: One tablet twice daily for 4-12 weeks, taken with food.

CONTRAINDICATION & PRECAUTION

There are no known contraindications for Glucosamine. But proven hypersensitivity to Glucosamine is a contraindication. Diabetics are advised to monitor blood glucose levels regularly when taking Glucosamine. No special studies were formed in patients with renal and/or hepatic insufficiency. The toxicological and pharmacokinetic profile of Glucosamine does not indicate limitations for these patients. However, administration to patients with severe hepatic or renal insufficiency should be under appropriate medical supervision. Children should not be supplemented with Glucosamine. Diacerein or to shellfish (e.g., shrimp, crab); who have diabetes, asthma, alcohol dependence or liver disease. While taking the drug complete blood count, liver function and urinalysis should be monitored regularly. Diacerein is contraindicated in pregnancy, lactation and hypersensitivity to anthraquinone derivatives.

SIDE EFFECT

No serious adverse effects has been reported diarrhea, constipation, epigastric pain, heartburn, nausea , vomiting, headache, skin rashes, drowsiness, intense yellow coloring of urine.

DRUG INTERACTION

There have been no reports of significant drug interactions of Glucosamine with antibiotics / antidepressants / antihypertensives / nitrates / antiarrhythmics / anxiolytic / hypoglycemic agents / antiseptives. But decreased absorption of Diacerein with aluminium and /or magnesium hydroxide antacids. Increased risk of diarrhea with laxatives, antibiotics. Avoid co-administration with fibres and phytic acids.

USE IN PREGNANCY & LACTATION

Glucosamine and Diacerein are contraindicated during pregnancy and breastfeeding.

OVER DOSAGE

Diarrhea may occur.

STORAGE

Store in a cool & dry place, protect from light & moisture.

HOW SUPPLIED

Tilex[®] Max Tablet : Each box containing 30 tablets in blister pack.

Manufactured by



SQUARE
FORMULATIONS LTD.
Tangail, Bangladesh

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