

### Composition

**Greenox 2 capsule:** Each powder filled capsule contains Astaxanthin INN 2 mg.

**Greenox 4 capsule:** Each powder filled capsule contains Astaxanthin INN 4 mg.

### Description

Astaxanthin has both a very potent neutralizing effect against singlet oxygen as well as a powerful scavenging ability for free radicals. Therefore Astaxanthin serves as an extremely effective antioxidant. Astaxanthin is absorbed by passive diffusion into the intestinal epithelium; this carotenoid is then incorporated into lipoproteins, transported to the liver via lymph and blood and partly resecreted with lipoproteins. More than 70% of the Astaxanthin is contained in the high-density lipoprotein (HDL) fraction of the plasma and Astaxanthin concentration in the small intestine is highest, followed by subcutaneous fat, abdominal fat, spleen, liver, heart, kidney, and skin. The lowest concentration is in the muscles.

### Indication:

Astaxanthin is indicated as strong antioxidant. Also indicated in-

- Internal beauty and skin improvement
- Internal sunscreen
- Arthritis
- Cardiovascular health
- Brain and central nervous system health
- Silent inflammation (C-reactive protein)
- Eye health
- Strength, endurance & immune system.

### Dosage & Administration:

The recommended daily dosage is fairly standardized at a 4 mg per day.

Following is a table of recommended dosages:

Dosage	Use
2-4 mg	Antioxidant, Cardiovascular Health, Immune System Enhancer
4-8 mg	Internal Beauty and Skin Improvement, Strength and endurance, Brain and Central Nervous System Health, Eye Health

Dosage	Use
4-12 mg	Arthritis, Silent inflammation, (C-reactive protein), Internal Sunscreen

*OR AS DIRECTED BY THE PHYSICIAN*

### Side Effects:

No report has been found regarding Astaxanthin.

### Precautions:

Pregnant women and nursing mothers should avoid Astaxanthin containing supplements

### Use in Pregnancy & Lactation:

Both pregnant women & lactating mother should avoid Astaxanthin containing supplements

### Drug Interaction:

Concomitant intake of Astaxanthin with Cholestyramine, Colestipol, Mineral oil, Orlistat may reduce the absorption rate of Astaxanthin.

### Contraindications:

Astaxanthin is contraindicated in those hypersensitive to any component of an Astaxanthin containing supplement.

### Over Dose

No case of over dose has occurred with Astaxanthin. No symptoms of acute toxicity were seen at the dosage above the recommended one.

### Storage Condition:

Store in a cool & dry place, protect from light. Keep out of the reach of children.

### Presentation:

**Greenox 2 capsule:** Each box contains 3x10's capsule in blister pack.

**Greenox 4 capsule:** Each box contains 2x10's capsule in blister pack.

Manufactured by:

**Julphar Bangladesh Ltd.**

Sreepur, Gazipur, Bangladesh.