

**For the use of a Registered Medical Practitioner or a Hospital or a Laboratory Only**

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## **AHAGLOW GENTLE SKIN CLEANSER**

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### **INGREDIENTS**

Purified water, Glycerin, Cetyl alcohol, Castoryl maleate, Colloidal oatmeal, Butylene glycol, Xanthan Gum, Phenoxyethanol (And) Ethylhexylglycerin, Sodium lauryl sulfate, Polysorbate 20, Stearyl alcohol, Phenylethyl alcohol, Vitamin E acetate, Triethanolamine

### **DOSAGE FORM AND STRENGTH**

**Dosage form:** Skin Cleanser (Topical)

**Strength:** 250 ml, 125 ml, 75ml

### **DESCRIPTION**

White to off white color lotion.

#### **Glycerin and purified water**

Glycerin is great for the skin because it acts as a humectant, which is a substance that allows the skin to retain moisture. It can increase skin hydration, relieve dryness, and refresh the skin's surface. It's also an emollient, which means it can soften skin

#### **Phenoxyethanol (And) Ethylhexylglycerin**

A liquid cosmetic preservative based on phenoxyethanol and ethylhexylglycerin. The addition of ethylhexylglycerin affects the interfacial tension at the cell membrane of microorganisms, improving the preservative activity of phenoxyethanol. Phenoxyethanol & Ethylhexylglycerin has a broad, balanced spectrum of effect against bacteria, yeasts and mould fungi.

#### **Vitamin E acetate**

Alpha-tocopheryl acetate (ATA) is a specific form of vitamin E that's often found in skin care products and dietary supplements. It's also known as tocopheryl acetate, tocopherol acetate, or vitamin E acetate. The antioxidant properties of vitamin E can help to prevent damage to skin caused by free radicals from UV exposure. Vitamin E may also have an anti-inflammatory effect on the skin.

#### **Colloidal oatmeal**

Colloidal oatmeal has been used for centuries to soothe dry, itchy skin. Its content of unique antioxidant and anti-inflammatory plant chemicals called avenanthramides boost both skin and overall health.

#### **Cetyl Alcohol & Stearyl Alcohol-Skin Protectant**

Both fatty alcohols have many functions in cosmetics and skin care products, including use as an emollient, emulsifier, thickener, and surfactant. Have the ability to soften and smooth the scales of the skin, which helps to reduce rough, flaky skin. As a occlusive agents, they provide a layer of protection (surface barrier on natural Ceramides and lipids of the skin) that helps prevent water loss from the skin.

## **Castoryl maleate**

Castoryl Maleate is a modified castor oil in which some of the unsaturation has been converted to a cyclic dicarboxylic acid.

## **CLINICAL PHARMACOLOGY**

### **Pharmacodynamics**

Mechanism of action

### **Glycerin and purified water**

Glycerin is a humectant, a type of moisturizing agent that pulls water into the outer layer of your skin from deeper levels of your skin and the air. In skin care products, glycerin is commonly used with occlusives, another type of moisturizing agent, to trap the moisture that it draws into the skin.

### **Phenoxyethanol (And) Ethylhexylglycerin**

Phenoxyethanol is known to cause allergic-type reactions on the skin in some people. Some argue that these bad reactions are the result of allergies in the test subjects. Others argue that it's simply a skin irritant that affects different people at different levels.

### **Colloidal Oatmeal**

#### **Skin protection**

Ultraviolet A (UVA) in the range of 320–370 nm is absorbed by flavonoids in oats.

The use of colloidal oatmeal as a skin protectant is regulated by the U.S. Food and Drug Administration (FDA) according to the Over-The-Counter Final Monograph for Skin Protectant Drug Products issued in June 2003.

#### **Moisturizing**

The high concentration of starches and beta-glucans in oat are responsible for its protective and water-holding functions.

The hydration of the skin is one of the most important agents involved in preserving the integrity of the stratum corneum barrier. Oatmeal is a good option for moisturizing of dry or sensitive skin.

#### **Cleansing**

Avenacins are other phenolic esters in oat which structurally belonging to saponins.

Saponins have a soap-like action for this structure. Accordingly; saponins are mostly responsible for the cleansing activity of oat.

### **Vitamin E acetate:**

Vitamin E is an **important fat-soluble antioxidant** and has been in use for more than 50 years in dermatology. It is an important ingredient in many cosmetic products. It protects the skin from various deleterious effects due to solar radiation by acting as a free-radical scavenger.

### **Cetyl Alcohol & Stearyl Alcohol – Skin Protectant:**

Cetyl alcohol exhibits skin protect properties against skin irritations caused by bites, rashes and stings. Cetyl alcohol has hydrating properties that makes it a suitable emulsifier and stabilizer in pharmaceutical formulations. Potential antimicrobial activity of cetyl alcohol may be due to a

change in cell membrane permeability that either blocks absorption of essential nutrients and induction of outward diffusion vital cellular components.

Stearyl Alcohol takes the form of white granules or flakes, which are insoluble in water. It has a wide range of uses as an ingredient in lubricants, resins, perfumes, and cosmetics. It is used as an emollient, emulsifier, and thickener in ointments, and is widely used as a hair coating in shampoos and hair conditioners.

### **Castoryl maleate**

Castoryl maleate is a lipid analogue with good affinity to the skin and superior moisturization on wash off. Lipids found in healthy, moisturized skin are typically in a lamellar gel crystalline state that is responsible for the skin's barrier function. In the stratum corneum, ceramides and cholesterol organize together with fatty acids to form the highly ordered lipid phase of the skin. Rinse-off personal cleansing products designed to remove dirt and debris from the skin can also remove protective lipids, which can weaken the skin's natural defensive barrier and result in dry, flaky skin. Even emollient-rich cleansers can leave the skin feeling and looking dry, since most emollients are washed away when the cleanser is rinsed off. Castoryl maleate has been found not only to deposit onto the skin from rinse-off cleansing formulas, but also to deliver quantifiable long-lasting moisturization. When combined with palmitic acid, it forms a highly ordered lamellar gel that is analogous to the lipid barrier in healthy skin, and can duplicate in-vitro the effect of the more expensive, complex combination of cholesterol and sphingosine ceramide. Skin texture and appearance are visibly improved.

### **INDICATIONS AND USAGE**

Ahaglow gentle skin cleanser is used for

- Anti-Inflammatory action (Anti-itch activity, Atopic dermatitis, Psoriasis)
- Skin protection
- Moisturizing
- Cleansing

### **CONTRAINDICATIONS**

Contraindications have not yet been identified.

### **WARNINGS AND PRECAUTION**

#### **Glycerin**

In certain conditions, glycerin can dehydrate the skin, so consider diluting it with water or another agent. If after applying glycerin to your skin, you notice any signs of an allergic reaction, such as itchiness or redness, stop using the product immediately.

#### **Vitamin E acetate**

Skin care products with Vitamin E acetate may cause a local skin reaction. Symptoms of an allergic reaction of the skin include reddening or a rash in the area that the cream or ointment was applied.

### **Phenoxyethanol (And) Ethylhexylglycerin**

Phenoxyethanol is known to cause allergic-type reactions on the skin in some people. Some argue that these bad reactions are the result of allergies in the test subjects.

Ethylhexylglycerin is not safe due to its performance as a contact allergen. However, anyone can be exposed to the possibility of dermatitis and skin irritation as a result of ethylhexylglycerin.

### **Colloidal Oatmeal**

However, it's still possible that a person could experience an allergic reaction to the components of oatmeal. An allergic reaction to oatmeal would cause symptoms like itching, swelling, and redness. If this occurs, wash your skin with soap and water and discontinue the use of oatmeal-containing products.

### **Castoryl maleate**

This medication contains castor oil. Do not take Fleet Castor Oil or Emulsoil if you are allergic to castor oil or any ingredients contained in this drug. Keep out of reach of children. In case of overdose, get medical help or contact a Poison Control Center immediately. Digestive tract irritation following oral ingestion, skin contact sensitization, and contact dermatitis have been reported for castor oil

### **DRUG INTERACTION**

We currently have no information for interactions.

### **ADVERSE EVENT**

#### **Vitamin E acetate**

Topical: It may cause redness, burning, stinging sensation and rarely generalized dermatitis in sensitive individuals. It is best to apply it to a small area first to test for possible allergic reaction. Allergic reactions like skin rash, itching or hives, swelling of the face, lips, or tongue. Severe burning, irritation, crusting, or swelling of the treated areas.

#### **Colloidal Oatmeal**

It may cause, burning, stinging, redness, or irritation may occur. If any of these effects persist or worsen, tell your doctor or pharmacist promptly.

#### **Castoryl maleate**

It may cause dizziness, abdominal cramps, diarrhea, nausea, electrolyte disturbance, low blood pressure and pelvic congestion.

### **Directions for use**

#### ***With Water:***

- Apply Ahaglow Gentle Skin Cleanser on moist skin and massage gently.
- Rinse with water after application and pat dry with a soft towel.
- Avoid scrubbing your skin.
- Repeat 2-3 times a day.
- For best results use daily.

***Without Water:***

Dispense Ahaglow Gentle Skin Cleanser onto a cotton pad.

Gently rub and wipe away.

**Expiry date**

Do not use later than the date of expiry

**Storage and Handing Instructions**

- Store below 25<sup>0</sup>C.
- Keep out of reach of children
- Discontinue use, if signs of irritation or rash appear and rinse with water to remove
- Avoid contact with eyes, rinse with water immediately in case of accidental contact
- Do not swallow

**Presentation**

Ahaglow Gentle Skin Cleanser Available in 250 ml, 125 ml and 75ml of bottle pack.

**Manufactured By**

TORRENT PHARMACEUTICALS LTD.

Plot No. 810, Sector III,

Industrial Area,

Pithampur- Dist. Dhar- 454775, M.P. INDIA.

**Details of permission or licence number with date**

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**MARKETED BY**



TORRENT PHARMACEUTICALS LTD.

“Torrent House”, Off Ashram Road,  
Ahmedabad - 380 009, INDIA

**IN/AHAGLOW GENTLE SKIN CLEANSER 250 ml, 125 ml and 75ml /JAN-22/01/PI**