

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

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**GLOGEOUS BODY WASH GEL**

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**INGREDIENTS:**

Purified Water, Cocamidopropyl Betaine, Sodium Lauroyl Sarcosinate, Sodium Cocoyl Apple Amino Acids, Glycerin, Potassium Azeloyl Diglycinate, Polyacrylate Crosspolymer-6, Glycolic Acid, Purified Water (And) Glycerin (And) Polysorbate 20 (And) Niacinamide (And) Linoleic Acid & Linolenic Acid (And) Tocopheryl Acetate (And) Retinyl Palmitate (And) Lecithin (And) Ascorbyl Glucoside (And) Xanthan Gum (And) Methylisothiazolinone & Phenoxyethanol & Caprylyl Glycol & Decylene Glycol (And) Pentaerythrityl Tetra-Di-t-Butyl Hydroxyhydrocinnamate (And) Aminomethyl Propanol, Phenoxyethanol (And) Ethylhexylglycerin, Fragrance, Panthenol, Aqua (And) anthemis nobilis flower extract (And) phenoxyethanol, Ganoderma lucidum extract.

**DIRECTION FOR USE**

**For external use only**

Glogeous body wash gel can be used with a loofah or by hand. To use with loofah, pour a little gel on wet loofah and apply gently over wet skin. Rinse off gently with water.

Avoid contact with eyes, rinse with water immediately in case of accidental contact. Keep out of reach of children. Discontinue use, if signs of irritation or rash appear, rinse with water to remove. Do not swallow.

**UNDERSTANDING THE BASICS OF SKIN**

Skin is the body's largest organ and has 3 layers. The top layer is called the epidermis. It protects the underlying skin layers from the outside environment. The second layer is the dermis. It contains cells that provide strength, support, and flexibility to the skin. The last layer is the hypodermis. It contains the fat cells or adipose tissue that insulates the body and helps it conserve heat.

Sebaceous glands, which are present in dermis, produce the oil (sebum), which protects skin from dryness. The oil from the sebaceous glands also helps to soften hair and it kills bacteria that get in the skin's pores.

Sweat glands, which are present in dermis secrete sweat that contains water, sodium, and small amounts of body waste (urea, ammonia, and creatinine). Sweat glands help in regulating the body temperature.

**Function of the Skin**

- First line of defence
- Protection from dehydration, pathogens and injury
- Regulates body temperature

**WHAT ARE SKIN CLEANSERS?**

Skin cleansers are surface-active substances (i.e., emulsifiers/surfactants/soaps) that remove dirt, sebum and microorganisms.

**Need of Cleansers**

Sebum & many other impurities (including cosmetic products applied on the skin) are not water-soluble. Therefore cleansing with only water might not suffice. Cleansers help in removing these water insoluble as well as soluble impurities.

## **DESCRIPTION**

### **Anthemis nobilis flower extract**

Anthemis Nobilis (Chamomile) flower extract is an extract from the flowers of the Anthemis Nobilis plant, otherwise known as the Roman Chamomile. There are two main varieties of Chamomile, the Roman chamomile (Anthemis Nobilis) and the German Chamomile (Chamomilla Recutita (Matricaria)). Compared to Roman chamomile, German chamomile contains a higher concentration of key active ingredients that have shown anti-inflammatory activity in vivo, namely the terpenoids chamazulene and  $\alpha$ -bisabolol (also known as levomenol). It is often used in skin care formulations for its soothing and anti-inflammatory effects. It has also shown to offer wound healing and natural skin moisturizing benefits to the skin.

### **Ganoderma lucidum extract**

Ganoderma lucidum (G. lucidum, Lingzhi), a kind of mushroom with various bioactivities, is recently revealed to improve skin quality and treat skin diseases. Traditionally, polysaccharides and ganoderic acids have been reported as the major functional metabolites of Ganoderma possessing antioxidant and anti-inflammatory functions. Ganoderma extracts, such as Ganoderma polysaccharides, have been used in promoting skin wound healing, mitigating postburn infection, and preventing skin flap ischemia-reperfusion injury. Ganoderma extracts have also been used in skin care, because of their roles in skin photoaging and skin whitening.

### **Tocopheryl acetate**

Tocopheryl acetate is a fat-soluble antioxidant that is essential for the maintenance of healthy skin. Naturally occurring Vitamin E is not a single compound; instead, Vitamin E is a group of molecules with related structures, some of which may have unique properties in skin. Vitamin E is also found as Vitamin E conjugates that increase stability but require cellular metabolism for activation. Vitamin E is normally provided to the skin through the sebum. Topical application can also supply the skin with Vitamin E and may provide specific Vitamin E forms that are not available from the diet. As an antioxidant, Vitamin E primarily reacts with reactive oxygen species. In addition, Vitamin E can also absorb the energy from ultraviolet (UV) light. Thus, it plays important roles in photoprotection, preventing UV-induced free radical damage to skin. Vitamin E may also have related anti-inflammatory roles in the skin.

### **Glycolic Acid**

Alpha hydroxy acids are a group of natural acids from foods. Some alpha hydroxy acids are gluconolactone; citric, glycolic, lactic, and malic acids and others.

## **BENEFITS OF USING GLOGEOUS ADVANCED BODYWASH GEL**

- Deep cleansing with superior nourishment natural ingredients for a radiant skin.
- Does not cause dryness after application skin friendly pH.
- Safe in use.

## **MODE OF ACTION**

Healing properties

### **Anthemis nobilis flower extract**

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### **Ganoderma lucidum extract**

Polysaccharides and ganoderic acids have been reported as the major functional metabolites of Ganoderma possessing antioxidant and anti-inflammatory functions. Ganoderma extracts, such as Ganoderma polysaccharides, have been used in promoting skin wound healing, mitigating postburn infection, and preventing skin flap ischemia-reperfusion injury. Ganoderma extracts have also been used in skin care, because of their roles in skin photoaging and skin whitening.

### **Tocopheryl acetate**

The primary role of vitamin E in the skin is to prevent damage induced by free radicals and reactive oxygen species. Topical application of vitamin E is generally effective for increasing photoprotection of the skin. In rodent models, the application of alpha-tocopherol acetate before UV exposure reduces UV-induced skin damage by reducing lipid peroxidation, limiting DNA damage, and reducing the many chemical and structural changes to skin after UV exposure.

Vitamin E has been considered an anti-inflammatory agent in the skin, as several studies have supported its prevention of inflammatory damage after UV exposure. Topical vitamin E can reduce UV-induced skin swelling, skin thickness, erythema, and edema—all signs of skin inflammation. In cultured keratinocytes, alpha-tocopherol and gamma-tocotrienol have been shown to decrease inflammatory prostaglandin synthesis, interleukin production, and the induction of cyclooxygenase-2 (COX-2) and NADPH oxidase by UV light, as well as limit inflammatory responses to lipid hydroperoxide exposure. There is limited information concerning the effects of vitamin E supplementation on photodamage, which is commonly observed as skin wrinkling. Although vitamin E can protect mice exposed to UV from excessive skin wrinkling, this is a photoprotective effect rather than treatment of pre-existing wrinkles. Other reports using vitamin E to treat photodamage or reduce wrinkles are poorly controlled studies or unpublished observations. Vitamin E is an integral part of the skin's antioxidant defenses, primarily providing protection against UV radiation and other free radicals that may come in contact with the epidermis. Topical vitamin E seems to be an effective mechanism for both delivery to the skin and providing a photoprotective effect. Additional anti-inflammatory effects of topical vitamin E have been seen in the skin.

### **Glycolic acid**

Glycolic acids are a class of chemical compounds that consist of a carboxylic acid substituted with a hydroxyl group on the adjacent carbon. They may be either naturally occurring or synthetic. Glycolic acids are well known for their use in the cosmetics industry. They are often found in products claiming to reduce wrinkles or the signs of aging, and improve the overall look and feel of the skin. Glycolic acid reacts with the upper layer of the epidermis, weakening the binding properties of the lipids that hold the dead skin cells together. This allows the stratum corneum to be exfoliated, exposing live skin cells.

### **Other Ingredients**

Purified Water, Cocamidopropyl Betaine, Sodium Lauroyl Sarcosinate, Sodium Cocoyl Apple Amino Acids, Glycerin, Potassium Azeloyl Diglycinate, Polyacrylate Crosspolymer-6, Purified

Water (And) Glycerin (And) Polysorbate 20 (And) Niacinamide (And) Linoleic Acid & Linolenic Acid (And) Retinyl Palmitate (And) Lecithin (And) Ascorbyl Glucoside (And) Xanthan Gum (And) Methylisothiazolinone & Phenoxyethanol & Caprylyl Glycol & Decylene Glycol (And) Pentaerythrityl Tetra-Di-t-Butyl Hydroxyhydrocinnamate (And) Aminomethyl Propanol, Phenoxyethanol (And) Ethylhexylglycerin, Fragrance, Panthenol, Aqua (And) phenoxyethanol.

**PRECAUTION**

**Glycolic acid**

This may increase skin's sensitivity to the sun and particularly the possibility of sunburn.

**EXPIRY DATE**

Do not use later than the date of expiry.

**STORAGE**

Store below 25°C.

**PRESENTATION**

Glogeous Body Wash Gel available in 250 ml of bottle pack.

**DATE OF REVISION**

Dec-22

**Details of manufacturer**

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**

COS-8/03/2021 dated

**MARKETED BY**



TORRENT PHARMACEUTICALS LTD.

**IN/GLOGEOUS BODY WASH 250, 125 ml/Dec-22/02/PI**