

A Review on Calotropis Gigantea Latex Used in Skin Conditions

Varsha Chavan, Gaurav Satpute and Manoj V Yadav

Yashodeep Institute of Pharmacy (B. Pharm), Pimpalgaon Pandhari, Chhatrapati Sambhaji Nagar, India

Abstract: *Calotropis Gigantea (Giant Calotropis)* It is a multipurpose plant belonging to the family (*Apocyanaceae*) it has been known for the centuries for its pharmacological importance. This plant found all over India. In Hindi, it commonly known as Arka, *Calotropis Gigantea* is the one of the plant which has been best natural resources and ancient knowledge for its used. It has been traditionally used for the treatment of various diseases such as Skin diseases, Wound, Burns, Asthma etc. The Latex of the *calotropis gigantea* is a milky white substance it has many medicinal properties and pharmaceutical value. it's rich in the bioactive compounds, including cardenolides and terpenoids proteins, tannins, flavonoids, and steroids. The latex have many used in the traditional medicines for many conditons, it includes bleeding, inflammation, pain, and fever.

In recent studies it have also explored its potential in treating cancer, diabetes and cardiovascular diseases. This review aims to provide a comprehensive overview on its phytochemical, pharmacological, and therapeutic applications of *Calotropis gigantea* latex, highlighting its potential as a valuable natural remedy. Various pharmacological activities reported like analgesic activity, antipyretic activity, pregnancy interceptive activity, anti-inflammatory activity, antifungal activity, Antidermal activity. *calotropis gigantea* Linn is well-known Healthful herb, it also known as Milkweed, it has been used in Unani, Ayurvedic, and Siddha system of medicines for many years..

Keywords: Arka, Skin diseases, Latex, Cardenoids, milkywhite subs, Natural remedy, Antidermal activity