

ARZOL CHEMICAL Co.

12 NORWAY AVE. #2

KEENE, NH 03431

603-352-5242

FAX: 603-352-1528

ARZOL SILVER NITRATE APPLICATORS PRODUCT INFORMATION

Arzol Silver Nitrate Applicators consist of a head of hardened silver nitrate (75% silver nitrate, 25% potassium nitrate) impregnated onto the tip of a 5 3/4" long x 1/12" diameter wooden applicator stick.

Arzol Silver Nitrate Applicators are available in two styles of packaging: a box of ten (10) envelopes containing ten (10) applicators per envelope, and a plastic vial containing one hundred (100) applicators per vial.

Arzol Silver Nitrate Applicators provide a simple and convenient means of treating small lesions of the skin and mucous membranes. On contact with living tissue, silver nitrate acts as an escharotic. Deep action is avoided by the formation of a dense surface film of coagulated albumin.

Silver nitrate is a powerful chemical germicide. Despite precipitation, it retains substantial germicidal potency even in the presence of large quantities of albuminous material, possibly by gradually redissolving the silver.

SPECIAL PROPERTIES

The combination of silver nitrate with potassium nitrate has been called toughened silver nitrate, also lunar caustic. When the tip of the applicator is impregnated with this compound, as in Arzol applicators, the silver nitrate can be applied quickly and conveniently to the precise area to be treated without spread of the escharotic to adjacent healthy tissue.

Exposure to light causes the silver in the tip to oxidize and turn brown in color. This discoloration does not affect the therapeutic action of the tip and the oxidized film readily dissolves when dipped in water.

Moisture has a deteriorating effect on the tip. It may cause it to break or loosen from the applicator; therefore the applicators should be kept in a dry place.

CAUTION: Silver Nitrate is a caustic compound, the improper use of which may cause chemical burns. Silver Nitrate mixes with body fluids; this mixture is caustic and tissue damage may result if not removed quickly. Contact of Silver Nitrate applicators on neonates (as in use on the umbilicus) and on thin delicate skin should be extremely short in duration.

INDICATIONS

On the skin, application of silver nitrate is recommended for cauterization of wounds and sluggish

ulcers, and also for removal of granulation tissue and warts.

On the mucous membranes, silver nitrate may be applied to small ulcers and aphthae in the mouth resulting from injury or stomatitis, to infected tonsils, to rectal fissures and fistulae, and to vaginal or cervical ulcerations or erosions. Epistaxis may be controlled by direct application to the site of hemorrhage within the nostrils.

APPLICATION

Arzol Silver Nitrate Applicators may be applied directly to mucous membranes and other moist surfaces. In the case of dry skin, the applicator tip should be dipped in water immediately before use. Apply carefully to the area to be treated. **DO NOT USE ON THE EYES.**

SIDE EFFECTS

Silver nitrate blackens the tissues to which it is applied but this discoloration gradually disappears. In the case of applicators, poisoning from ingestion is rare.

ANTIDOTE

In the case of accidental poisoning, follow these directions:

External:

Eye exposure -- First: Wash out the eye with lukewarm water for at least fifteen (15) minutes then call your physician or go to your nearest Emergency Room.

Skin exposure -- First: Wash the area very thoroughly with soap and water then call your physician.

Internal:

First: Give one (1) glass of milk or water then call your physician or go to your nearest Emergency Room.

HAZARDS

Long continued applications to large areas may produce argyria, a slate-blue discoloration of the skin and mucous membranes.