

Table 13.9 EXAMPLES OF SOLUTIONS APPLIED TO THE SKIN

SOLUTION	CORRESPONDING COMMERCIAL SOLUTION	ACTIVE CONSTITUENT IN COMMERCIAL PRODUCT	VEHICLE	CATEGORY AND COMMENTS
Aluminum acetate	—	5%	Aqueous	Astringent
Aluminum subacetate	—	~2.45% aluminum oxide, 5.8% acetic acid	Aqueous	Astringent
Calcium hydroxide (limewater)	—	0.14%	Aqueous	Astringent
Chlorhexidine gluconate	Hibiclens Skin Cleanser (Molnlycke)	4%		Skin wound and general skin cleanser, surgical scrub, preoperative skin preparation. Effective for gram-positive and gram-negative bacteria such as <i>Pseudomonas aeruginosa</i>
Clindamycin phosphate	Cleocin T Topical Solution (Pfizer)	1%	Isopropyl alcohol, water	Treatment of acne vulgaris
Clotrimazole	Lotrimin Solution (Schering-Plough)	1%	PEG 400	Antifungal
Coal tar (liquor carbonis detergens; LCD)	—	20%	Alcohol	Antieczematic; antipsoriatic
Erythromycin	Erymax Topical Solution (Allergan)	2%	Polyethylene glycol/acetone/alcohol	Treatment of acne vulgaris
Fluocinolone acetonide	Synalar Topical Solution (E. Fougera)	0.01%	Propylene glycol	Adrenocortical steroid (topical anti-inflammatory)
Fluorouracil	Efudex Topical Solution (Valeant Pharmaceuticals)	2, 5%	Propylene glycol	Antineoplastic (actinic keratoses)
Hydrogen peroxide	—	3%	Aqueous	Topical anti-infective
Hydroquinone	Melanex Topical Solution (Neutrogena Dermatologics)	3%	Water, alcohol, propylene glycol	Temporary bleaching of hyperpigmented skin, for example, chloasma, melasma
Ketoconazole	Nizoral A-D (McNeil)	1%	Water	Treatment of dandruff
Minoxidil	Rogaine Topical Solution (Pfizer Consumer Health)	2, 5%	Alcohol, water, propylene glycol	Long-term topical treatment of male pattern baldness by stimulating hair regrowth
Povidone iodine	Betadine Solution (Purdue)	7.5, 10%	Aqueous	Topical anti-infective
Tolnaftate	Tinactin Solution (Schering-Plough)	1%	Polyethylene glycol	Topical antifungal
Undecylenic acid	Gordochem Solution (Gordon Laboratories)	25%	Oil base	Topical antifungal