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Beta-glucan/Alginate/Hyaluronic Acid/Squalene/Avocado Oil-containing Emulsion

National Cancer Institute

Source

National Cancer Institute. *Beta-glucan/Alginate/Hyaluronic Acid/Squalene/Avocado Oil-containing Emulsion*. NCI Thesaurus. Code C99170.

A topical emulsion containing beta-glucan (5%), alginate, hyaluronic acid, squalene and avocado oil, with cutaneous protective activity. Upon topical application of beta-glucan/alginate/hyaluronic acid/squalene/avocado oil-containing emulsion, the naturally-occurring polysaccharide beta-glucan acts as an immunomodulator by activating the innate immune response, in particular through the activation of macrophages and migration of neutrophils. Alginate acts as a moisturizer and supports skin healing. Hyaluronic acid, squalene and avocado oil provide barrier protection, help maintain skin integrity and are natural emollients and moisturizers. This emulsion may accelerate wound healing and may prevent radiation-induced dermatitis.