

CoVera™ DRY

INCI Name: Aloe Barbadensis Leaf Juice (200 fold concentrate)

Product Code: 0370

CAS #: 85507-69-3 (8001-97-6 is for the plant)

EINECS: 287-390-8

Brand: CoVera™

CoVera™ Dry is derived from plantation-grown *Aloe barbadensis* Miller. This plant, a member of the lily family, is commonly called Aloe Vera or true Aloe. CoVera™ Dry represents a 199-fold concentration of the gel (the natural juice obtained from the parenchyma of hand-filleted fresh leaves). Allowing for variations owing to climatic and seasonal growing conditions, the natural juice has been found by various researchers to contain assorted sugars, mucopolysaccharides, amino acids, minerals, sterols, sapogenins, enzymes, fatty acids, and hydroquinone-based compounds.

This powder form of CoVera™ is designed for use in manufacture of various personal care, health and pharmaceutical products where the high moisture level of the single strength (1:1) liquid form can present formulation problems. CoVera™ Dry can be readily solubilized by adding the product at a 1:199 ratio by weight to well-agitated water. Because the product is irradiated to ensure microbiological integrity during storage and contains no preservative, reconstituted solutions should be used promptly or protected with a suitable preservative system.

Keep CoVera™ Dry tightly sealed and store in a cool, dry place (preferably 70°F or below). It is an unpreserved natural product and should be handled accordingly. Stock should be used promptly (and inventories rotated) to assure freshness.

Features & Benefits:

- Humectant
- Moisturizing Agent
- Natural Product
- Plant Derived / Vegetal Based
- Skin Hydration Agent

Appearance	Free-flowing off-white to light tan powder
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Appearance (0.5% aqueous)	Water white to very slightly yellow, clear to slightly opalescent liquid
Odor	Slight plant-like
pH (1% aqueous)	4.0 - 6.0
Specific Gravity (0.5% aq)	1.000 - 1.004
Water Insolubles (%)	Less than 0.05%
Microbiology	Total aerobic count <100 per gram: pathogenic organisms not detected
Insoluble In	Cosmetic Esters Cyclomethicone Dimethicone Fatty Alcohols (molten) Mineral Oil Waxes (molten)
Soluble In	Hydroalcoholic Solution Water
Toxicology Profile	Ocular / Eye Irritation: May cause slight eye irritation Skin Irritation: Nonirritating Upper Respiratory Tract Irritation: May cause transient irritation, causing coughing spells
Packaging	Bag - 12 & 50lbs Bottle - 5 & 10lbs

Regional Approvals:

Global

Applications:

- After Sun Skin Care
- Bar Soaps
- Bath Additives
- Daily Wear Sun Care
- Deodorants
- Facial Cleansers
- Facial Skin Care
- Foot Care
- Hair Conditioners
- Hand & Body Care
- Liquid Handsoaps
- Shampoos

- Shaving Products
- Shower Gels/Body Washes
- Styling Aids

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