

TECHNICAL DATA

JARXOTIC CO15

JARXOTIC™ CO15 - COPAIBA OIL
(COPAIFERA OFFICINALIS (BALSAM COPAIBA) RESIN)

CAS# 8001-61-04



SPECIFICATIONS

LIMITS

Appearance	Viscous liquid
Color	Pale yellow to yellow-brown
Odor	Characteristic
Specific gravity (20°C)	0.850 – 0.950
Acid value (mg KOH/g)	5.0 Max.
Peroxide value (meq/kg)	10.0 Max.

STORAGE: Keep in cool (below 25°C) storage in unopened containers away from light and moisture. Avoid prolonged exposure to air.

DESCRIPTION

Copaiba oil or balm is extracted from the Copaiba tree by drilling holes in the trunk of the tree (tapping) similar to extracting maple syrup from the maple tree. It is a transparent, soft liquid whose color varies from yellow to golden brown, with a pleasant balsam smell. The main components of the oil are α -caryophyllene, α -humulene, and β -caryophyllene, with reports of other sesquiterpenes also present. This oil is traditionally used in the Amazon for a variety of medicinal purposes including treatment of inflammation and skin disorders. A high content of natural β -caryophyllene, thought to be the highest level available naturally, provides a natural antimicrobial action. With content of approximately 60% essential oil, it is an excellent ingredient for shaving gels, foot creams, and cleansing products. Based upon its substantivity and pleasant odor, it is commonly utilized as a fixative in fragrance applications.

APPLICATIONS

Jarxotic CO15 can be used in a multitude of product applications for both the skin and hair, including creams, lotions, soaps, shampoos, bath & massage oils, conditioning and hair masks, and sun care products. It is also recommended for any product in which a natural germicidal delivery is desired. The recommended starting level for this product is 3%.



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