

## TECHNICAL DATA

## JARPLEX SB15

### JARPLEX SB15

**(BUTYROSPERMUM PARKII)**

CAS# 194043-92-0  
 EINECS# 270-311-6

SPECIFICATIONS	LIMITS
Color (Lovibond, red)	3.0 Max.
Acid value (mg KOH/g)	1.0 Max.
Peroxide value (meq/kg)	5.0 Max.
Iodine value (mg I <sub>2</sub> /100 g)	70 – 80

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

### DESCRIPTION

**Jarplex™ SB15** shea liquid is composed of refined, fractionated, and deodorized vegetable oil extracted from the fruit of the Shea tree (*Butyrospermum parkii*). The liquid state of **Jarplex SB15** makes it easy to use in formulation. Because it contains a high amount of unsaponifiable matter, **Jarplex SB15** as an emollient in anhydrous products acts as a soothing agent and contributes to skin repair. **Jarplex SB15** is compatible with all types of standard emollients, particularly all types of ester-based ingredients. Because it won't interfere with crystallization of the waxes in color cosmetics, **Jarplex SB15** offers an excellent method of including shea butter in cosmetic formulations. On contact with skin, **Jarplex SB15** is notable for a lubricious feel and warming sensation.

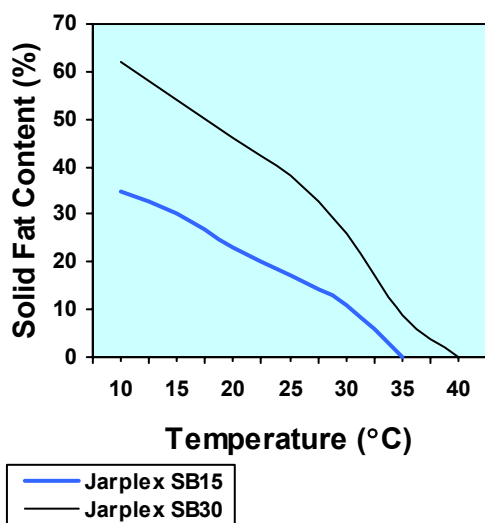
### APPLICATIONS

**Jarplex SB15** can be used at concentrations from 1% to 100% and is suitable for use as an emollient and moisturizer in all types of skin care creams and lotions, such as facial care, body care, sun care, and sunscreen formulations. **Jarplex SB15** is ideal for cream lotions with a light feel and as a viscosity adjuster for body butters. Its application as a liquid emollient in anhydrous products encompasses such products as lip balms, body butters, and color cosmetics. At concentrations from 0.5% to 1% in hair care applications such as conditioners, **Jarplex SB15** can help improve hair gloss and moisture retention. **Jarplex SB15** is also an excellent moisturizer for massage oils.

### TYPICAL PROPERTIES

Melting point (°C, SMP)	15
Unsaponifiables (%)	7 – 8
Peroxide value (meq/kg) as produced	<1.0
Acid value (mg KOH/g) as produced	<0.5

### Melting Profile: Jarplex SB15



Effective: August 7, 2006

JarplexSB15.TDS

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