

## TECHNICAL DATA

## JARPLEX SB45

### JARPLEX SB45

(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)	71 – 77

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

### DESCRIPTION

**Jarplex™ SB45** shea butter (“High Melt”), a semi-solid vegetable fat extracted from the fruit of the Shea tree (*Butyrospermum parkii*), offers unique and valuable physical properties. **Jarplex SB45** has excellent temperature stability and crystallization properties. It has a melt point of 45°C but is soft at room temperature. Designed to provide attractive skin feel for super-high shea content (>75%) formulations, **Jarplex SB45** provides great flexibility in maximizing shea loading and functional skin benefits while providing a softer feel. **Jarplex SB45** contains a high amount of unsaponifiable matter and is processed to be odor-free and light in color.

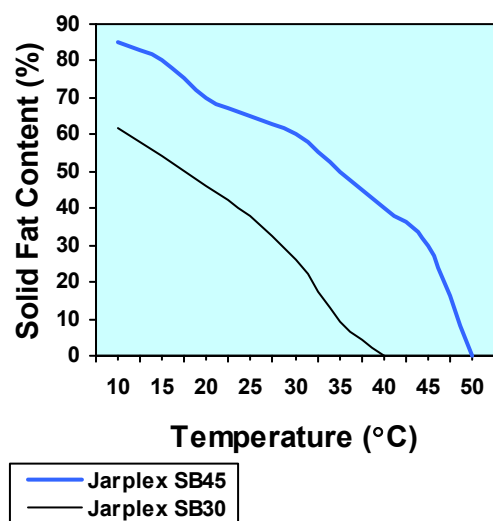
### APPLICATIONS

**Jarplex SB45** is well suited for a use in a range of cosmetic and dermatological applications. Due to its high amount of unsaponifiable matter, **Jarplex SB45** provides skin protection against weather, sun, and aging and is ideal for use in sun care and cosmetic skin care products, both creams and liquid emulsions.

### TYPICAL PROPERTIES

Melting point (°C, SMP)	45
Melting point (°C, MDP)	51
Unsaponifiables (%)	10
Peroxide value (meq/kg) as produced	<1.0
Acid value (mg KOH/g) as produced	<0.5

### Melting Profile: Jarplex SB45



Effective: August 7, 2006

JarplexSB45.TDS

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