



**JARCHEM INDUSTRIES, INC.**

*An ISO 9001:2008 Company*

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## TECHNICAL DATA

## JARPLEX™ SB-OE

### **JARPLEX™ SB-OE**

INCI: Shea Butter Octyldodecyl Esters



#### **Typical Properties**

Acid Value (mg KOH/g)	2 Max.
Saponification Value (meq/kg)	125 Max.
Color (Gardner)	5 Max.
pH (5% Solution in 1:1 IPA: Water)	6-9
Moisture (%)	1 Max.
Appearance	Paste

Packaging: 33lb Pails

*Custom sizes available upon request.*

### **DESCRIPTION**

**Jarplex™ SB-OE** is a nature based, protective and moisturizing ester. It is lighter and faster spreading, as well as oxidatively more stable, than Shea Butter alone. **Jarplex™ SB-OE** provides rapid penetration without being tacky, and leaves a powdery after feel. It is compatible with other esters, butters, oils, and silicones. **Jarplex™ SB-OE** is an excellent dispersant for both organic and inorganic sunscreen actives and can replace octyl-12-hydroxystearate ester, particularly in lower SPF sunscreens, which removes the active esters but gives the same feel.

### **FUNCTIONS**

- Emollient
- Protectant
- Protection in cold weather applications
- Dispersant

### **APPLICATIONS**

- Hair products
- Creams
- Lotions
- Color cosmetics
- Sunscreens

Store in cool (below 25°C) temperatures in unopened containers away from light and moisture. Avoid prolonged exposure to air.

Effective: September 22, 2016

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