

Desert Whale Iso Jojoba™ 35 & Iso Jojoba™ 50

Elegant Emolliency



PRODUCT: Iso Jojoba™ 35

EINECS #: 289-964-3

INCI NAME: Simmondsia Chinensis (Jojoba) Butter CAS #: 308068-01-1, 90045-98-0

PRODUCT: Iso Jojoba™ 50

EINECS #: 289-964-3

INCI NAME: Simmondsia Chinensis (Jojoba) Butter CAS #: 308068-01-1, 90045-98-0

WHAT ARE ISO JOJOBA™ BUTTERS?

The **Iso Jojoba™ Butters** are isomerized, partially hydrogenated wax esters that are derived entirely from jojoba oil. The **Iso Jojoba™ Butters** offer the benefits of jojoba oil including the ability to replace lost lipids in skin and hair, are non-comedogenic and provide emolliency with a smooth elegant feel.

The melting point range of **Iso Jojoba™ 35** is 34 to 38°C, thus **Iso Jojoba™ 35** melts at body temperature allowing this butter to glide onto the skin with elegance. **Iso Jojoba™ 50** has a melting point range of 48 to 52°C and provides cushion to formulations as applied to the skin.

WHAT DO ISO JOJOBA™ BUTTERS DO?

The **Iso Jojoba™ Butters** are designed to provide an elegant emolliency and luxurious feel to skin care and color cosmetic formulations. **Iso Jojoba™ 35** provides the light smooth feel that is desired in day creams and foundation make-ups. **Iso Jojoba™ 50** glides onto the skin providing a substantive, protective feel for night creams, treatment products and body butters.

In hair care, the **Iso Jojoba™ Butters** impart softness and shine to hair when incorporated into hair conditioners and masks.

In color cosmetics, the **Iso Jojoba™ Butters** provide emolliency and a creamy feel to lipsticks, lip butters and lip balms. **Iso Jojoba™ 35** will also enhance stick structure, impart glide and provide protective properties.

KEY BENEFITS

- Luxurious, smooth and elegant feel
- Emolliency and protection
- Enhances glide and cushion in formulation
- Moisturizing and conditioning
- Good oxidative stability

IDEAL FOR USE

- Skin care, creams and lotions
- Treatment products
- Body butters and sticks
- Lipsticks, lip butter and lip balm
- Hair conditioners and masks
- Sun care
- Massage candles



DESERT WHALE JOJOBA OIL + DERIVATIVES

Desert Whale Iso Jojoba™ 35 & Iso Jojoba™ 50

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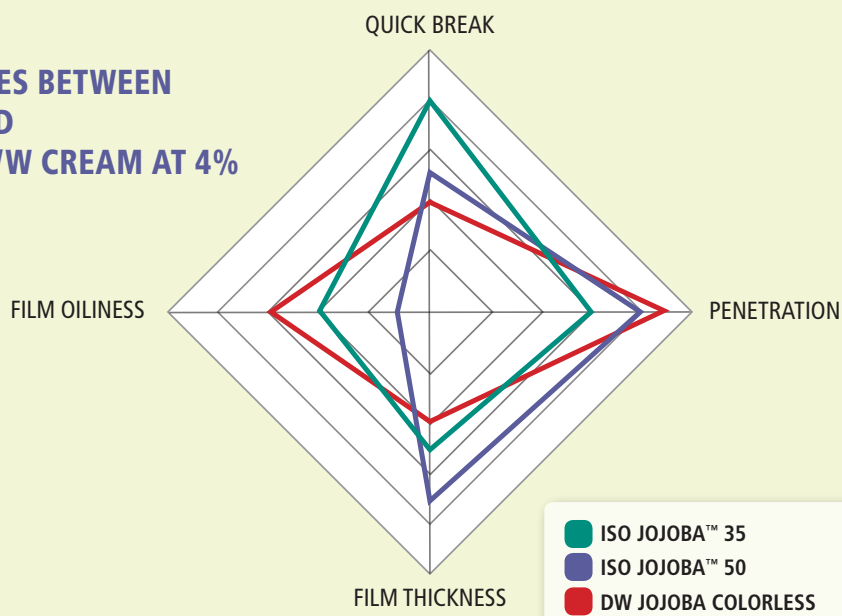
SENSORIAL STUDY

COMPARISON OF SENSORIAL PROFILES BETWEEN ISO JOJOBA™ 35, ISO JOJOBA™ 50 AND DW JOJOBA COLORLESS IN A SOFT O/W CREAM AT 4%

Conclusions

Iso Jojoba™ 35 provides the most elegant initial application and a thinner film on the skin. Recommended for use in lighter soft creams.

Iso Jojoba™ 50 provides a slower break and a thicker and dryer film on the skin. Recommended for use in substantive moisturizing creams and body butters.



All data, including the formulations and procedures discussed herein, to the knowledge of Vantage Specialty Chemicals, Inc. (Vantage), are believed to be correct, reliable and accurate. Please note, however, that Vantage does not warrant or guarantee any accuracy, reliability or completeness of the information contained herein. It is the user's responsibility to determine the suitability and completeness of such information for the user's particular use (including performing any necessary confirmatory tests). Vantage is not responsible or liable for any loss or damage that may occur from the use of this information, nor do we warrant against any patent infringement. Nothing contained herein shall be construed as providing any permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.

TYPICAL PROPERTIES OF ISO JOJOBA™ 35

Appearance	White, soft creamy texture; clear when melted
Odor	Mild
Color (Gardner)	1 max
Acid Value	2 max
Melting Point	34-38°C
Recommended Use Level	1-10%

TYPICAL PROPERTIES OF ISO JOJOBA™ 50

Appearance	White, pasty; clear when melted
Odor	Mild
Color (Gardner)	1 max
Acid Value	2 max
Melting Point	48-52°C
Recommended Use Level	1-10%



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