

Biosil Basics® C-38

Ingredient Information

INCI Name: Octyldodecyl Isostearate
CAS# 93803-87-3
EINECS# 298-361-4
Japan Code# 523008
Japan Nomenclature: 2-Octyldodecyl Isostearate

Specifications

Color Pale yellow to Amber (6 max)
Appearance Clear to slightly hazy liquid
Odor Mild, typical
Acid Value 12 max
Specific Gravity 0.80 – 0.90

Attributes

- Quick dry down
- Non-greasy after feel
- Heat and pH stable
- Eliminates tack and drag
- Creates softness and shine

Applications

- Hair care
- Skin care
- Color Cosmetics

Recommended use levels 1.00 – 10.00%

Biosil Basics® C-38 is a highly branched, long chain guerbet ester. The presence of the branching results in unique properties for this ingredient. **Biosil Basics® C-38** is thermally stable and pH stable. This ingredient has extraordinary liquidity at low temperatures and good solvent properties. It provides fast dry down and a non-greasy after feel on skin.

Biosil Basics® C-38 is insoluble in water. Nevertheless, it is soluble with silicones, oils and other like esters. Easily incorporated into the oil phase, **Biosil Basics® C-38** provides the elegant rich texture desired in luxury skin creams and lotions. It also delivers velvety cushion in oil and water emulsions. This branched ester is rapidly absorbed into the skin and leaves skin feeling silky smooth and soft.

Spreadability is a key attribute when developing color cosmetics and skin care products with targeted active ingredients. **Biosil Basics® C-38** helps with the dispersion of such materials allowing the active ingredients to have optimum activity. **Biosil Basics® C-38** can also eliminate the drag and tacky sensation of emulsions creating slip and mobility.

Storage and Handling

Before handling please read the Safety Data Sheet and container label for safe use, physical and health hazard information.

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