

The Natural Solution

Florasun[®] 90

Stable High Oleic Sunflower Oil



a **Cargill** company

Benefits & Functions:

- Extended Shelf Life
- Low Color and Odor
- Hydrating
- Nature-Derived*
- Oxidatively Superior to Traditional and Mid-Oleic Sunflower Oils
- Elegant Skin Feel
- Non-GMO



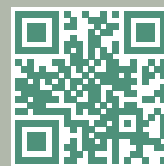
Superior Oxidative Stability

Florasun 90

Florasun 90 is a natural triglyceride oil with excellent emolliency, and superb oxidative stability attributed to its high oleic content of >85% and low levels of polyunsaturates.

Oleic acid, found in skin surface lipids, is the major fatty acid in Florasun 90 which allows for easy absorption into the skin without the greasy skin feel typical of other oils. The oil is pressed from the finest sunflower seeds carefully refined to produce a low color and low odor product.

Florasun 90 can extend the shelf life of finished formulations. Use Florasun 90 in formulations that benefit from a stable, natural emollient including: lipsticks, pressed powders, foundations, skin care, hair care, sun care, bath oils, and massage oils.



iLabel[®]

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Florasun® 90

INCI: Helianthus Annuus (Sunflower) Seed Oil

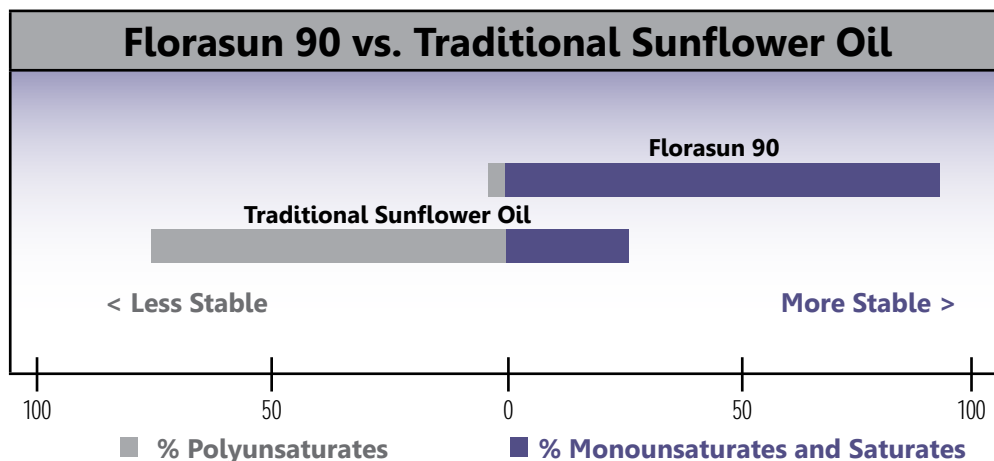


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Extend Shelf Life with Florasun 90





Superior oxidative stability



Florasun 90 is oxidatively stable due to its low levels of polyunsaturates and high levels of monounsaturates. Traditional sunflower oil has high levels of polyunsaturates, making it much less stable and not suitable for cosmetics. The stability of Florasun 90 contributes to more stable finished formulations.

Visit: floratech.com/OxidativeStability for more info.

Applications	Typical Use Level
Anhydrous	5 - 80%
Cleansers	0.1 - 3%
Color Cosmetics	1 - 5%
Hair Care	1 - 15%
Skin Care	1 - 15%
Sticks	1 - 30%
Sun Care	1 - 15%
Floratech Formulations	Formula Number
After-Sun Moisturizing Lotion	S006
Exfoliating Body Scrub with Biodegradable Ecobeads	B023 
Hair Styling Wax	H007
Low Foam Face Cleanser	C038 
Natural Hair Pomade	H006
Jjoba-Mac Body Butter	L024
Sunflower Facial Moisturizer	L008

 Demo Available

Visit: floratech.com/formulas

Global Regulatory Data
CAS: 8001-21-6 or 164250-88-8
EC: 232-273-9
Cosmos: ✓
Globally Approved including: Australia, China, EU, Japan, Korea and US
Botanical Origin: High-Oleic Sunflower (<i>Helianthus annuus</i>)
Packaging: 190 kg Drum (standard) 17 kg Pail (optional)

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*According to ISO16128.

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