

SUNFLOWER TRIGLYCERIDES

Triglycerides are the main component of natural vegetable oils and animal fats. Most seed oils, such as olive or sunflower, are around 95% Triglycerides (aka Triglycerol). Chemically, triglycerides are esters formed by glycerol and three fatty acid groups. Does this sound chemical? Yes, nature is chemistry. Each natural oil or fat has its own fatty acid profile, or combination of three fatty acid groups. Some have several varieties with slightly different combinations. Common or “standard” sunflower oil usually has a typical profile of 65% oleic acid, 26% linoleic acid, and 9% combined saturates.

As far as I can tell, triglycerides are not extracted from sunflower oil and offered as a separate substance. The term “triglycerides” is sometimes used by suppliers as a reference to the oil itself.

An important property of sunflower triglycerides is that it acts as a natural fragrance extender. Most fragrance extenders are synthetic chemicals such as phthalates, which are somewhat controversial. Sunflower triglycerides encapsulate the fragrance oil and delay the evaporation of fragrance ingredients thereby allowing the fragrance to last longer.

Triglycerides are valuable forms of emollients for skin care. Emollients are substances that soften skin by deterring transdermal water loss. In a shampoo, they allow you to dry the hair without drying out the skin. Sunflower triglycerides also act as a light conditioner for the hair.

Sunflower oil is rich in antioxidants. In a shampoo formulation, this means it can help deter spoilage. Sunflower triglycerides also help to prevent freezing of products.

Sunflower triglycerides are found in most of the ShowSeason shampoos and conditioners. The products that do NOT contain this ingredient are ShowSeason Texture, where the softening effect of this ingredient is undesirable, and ShowSeason Clarify, where conditioning is counter to the product intention.

http://www.sunflowernsa.com/uploads/resources/34/sunflower-oil-fact-sheet_062510.pdf