

iSUN OS

INCI Name (US): Octyl Salicylate

INCI Name (EU): Octyl Salicylate

CAS #: 118-60-5 / 204-263-4

General Information/ Characteristics: iSun OS is an organic compound used as an ingredient in sunscreens and cosmetics to absorb UVB (ultraviolet) rays from the sun. It is an ester formed by the condensation of a salicylic acid with 2-ethylhexanol. It is a colorless oily liquid with a slight floral odor.

The salicylate portion of the molecule absorbs ultraviolet light, protecting skin from the harmful effects of exposure to sunlight. The Ethyl Hexanol portion is a fatty alcohol, adding emollient and oil-like (water resistant) properties.

Benefits / Application: As Salicylic Acid and its salts and esters have many functions, these ingredients may be used in many types of cosmetics and personal care products including moisturizers, skin cleansing products, shampoos, as well as skin care, hair care, suntan and sunscreen products, as well as in mouthwashes and dentifrices.

Regulatory Status: No specific regulation

Physico-Chemical Properties:	Aspect	Liquid
	Color	Colorless to light yellow
	Odor	Light characteristic
	Specific gravity	1.011 – 1.016
	Refractive Index	1.500 – 1.503
	Acidity	Max. 0.20 ml NaOH 0.1N/mL
	Identification	IR Spectrum UV absorption
	Assay	98 – 105 %

Microbiological Data:	Total Plate Count	Max. 100 ufc/g
	Mold & Yeasts	Max. 10 ufc/g

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**Shelf Life / Storage
Conditions**

24 months if stored at 15 – 40°C in unopened original packaging.
Avoid Freezing. Protect from direct light. Reclosed immediately after use.

Packaging:

200 Kg HDPE drum or 1000 Kg IBC

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