

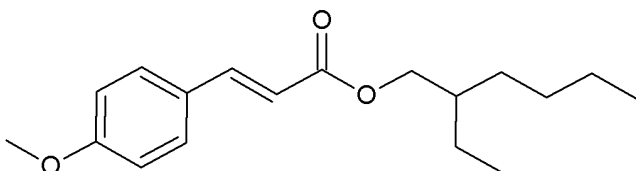
Technical Data Sheet

General Information

Vida-Care SP-1 is a UV absorber widely used in sunscreens and has a broad UV-B absorbency profile. Vida-Care SP-1 is water soluble and globally approved. Recommended use levels are 2 - 7.5%.

INCI Name	USP Name	USAN Name
Ethylhexyl Methoxycinnamate	Octinoxinate	Octinoxinate
CAS Number	EC Number	Mol. Wt.
5466-77-3	226-775-7	290.4

Structure



Specification (PCD025)* Product conforms to USP specification

Appearance :	Pale yellow oily liquid
Assay (GC Internal Standard) :	95.0 - 105.0 %
ID by Infra Red (@25°C) :	Conforms to standard
Any Single Impurity (By GC Area %) :	≤ 0.5 %
Total Impurities (By GC Area %) :	≤ 2.0 %
Acid Value (0.1M NaOH) :	≤ 0.8 ml NaOH/g
Specific Gravity (@25°C) :	1.005 - 1.013
Refractive Index (@20°C) :	1.542 - 1.548
E1/1 (@310+/-2nm) :	835.0 - 865.0

Applications

- Suncare
- Skincare
- Colour cosmetics

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

Global Inventories

REACH, EINECS, TSCA, DSL, AICS, NZIoC, IECSC, CSCL, ECL, CSNN

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