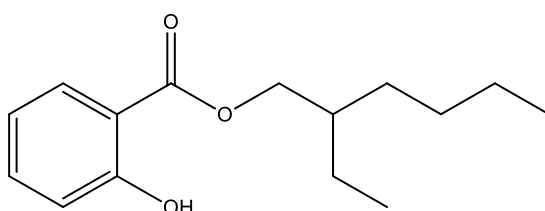


Technical Data Sheet

Sunsorb EHS

2-Ethylhexyl salicylate

CAS# 118-60-5



Mol. wt. 250.34

Formula C₁₅H₂₂O₃

Description

Sunsorb EHS is an ester formed by condensation of salicylic acid and 2-ethylhexanol. It is a colorless to pale yellow liquid with a characteristic slight odor.

It is used as a raw material for sunscreens, especially cosmetics that absorb the UV-B range.

Specifications

Item	Specification
Appearance	Colorless to pale yellow liquid
Assay (%)	95.0-105.0
Identification (UV/IR)	Conform
Specific gravity (25°C)	1.011 ~ 1.016
Refractive index (20°C)	1.500 ~ 1.503
Acidity	≤ 0.2
UV specific extinction (E1%, 1cm at 305nm in EtOH)	168 ~ 182
Heavy metals	≤ 10ppm
Arsenic (As)	≤ 2ppm
Microbial count	≤ 100 cfu/g
Yeast and mold	≤ 100 cfu/g

Applications

Oil-soluble UV-B filter in sun-care and cosmetic preparation.

Storage

Stored in tightly closed containers at room temperatures below 30°C in a dark and dry place.

Shelf Life 2 years