# technical data sheet

personal care specialties

ashland.com



**BULLETIN VC-975** 

# x-tend<sup>™</sup> 226 ester

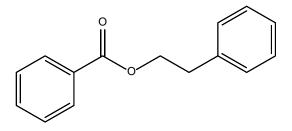
polar ester and sunscreen solvent

<ul> <li>formulator benefits</li> <li>medium body ester</li> <li>highly efficient solvent for organic UV filters         <ul> <li>Bemotrizinol (Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine)</li> <li>Ethylhexyl Triazone</li> <li>Oxybenzone (Benzophenone-3)</li> <li>Avobenzone (Butyl Methoxydibenzoylmethane)</li> </ul> </li> <li>improves photostability and increases the critical wavelength of Avobenzone</li> <li>cold processable, incorporates easily into formulas</li> </ul>	<ul> <li>formulation benefits</li> <li>more effective UVA protection by better dissolution of UV filters</li> <li>improves UVA stability</li> <li>enhances shine in hair care formulations</li> </ul>
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skin and hair care applications

product forms creams, lotions, sprays, mousses, solid forms, shower gels, conditioners, shine enhancers

### chemistry



ester of 2-phenylethyl alcohol and benzoic acid INCI name: phenethyl benzoate non-preserved



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# typical properties

appearance	colorless-light yellow, clear liquid
solubility	oil
refractive index	
odor	faint rose-like

formulation guidelines

recommended use levels	2-6wt%
temperature/mixing conditions	can be added hot or cold
when to add	best added to the oil phase of the formulation
tips from our technical solvers	product can solidify at low temperatures, gently heat to melt before using

## safety, handling, and storage

Storage is recommended in tightly closed original containers at temperatures between 5°C and 25°C. Additional information concerning safety, handling and storage is supplied in the safety data sheet, which can be made available upon request. Such information includes:

- o classification and labelling per regulation for transport and for dangerous substances
- o protective measures for storage and handling

A toxicology summary can also be made available, on a confidential basis, by contacting Ashland's toxicology department.

### regulatory

CAS #: 94-47-3 EC #: 202-336-5 Halal certificate available Other regulatory information is available on request.

