

Technical Information

Uvinul® A Plus B

PRD 30221690

Valid since 03.07.2018
Revision 1.0

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Care Chemicals**UV Filter****INCI name(s)**

Ethylhexyl Methoxycinnamate (and) Diethylamino Hydroxybenzoyl Hexyl Benzoate

Chemical description

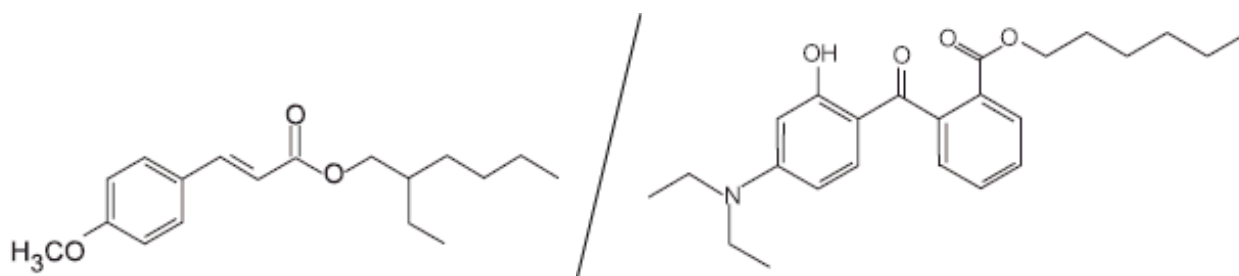
2,4 - Diethylamino Hydroxybenzoyl Hexyl Benzoate and p-Methoxycinnamic acid 2-ethylhexylester

Physical form:

Yellow solution

Molecular weight

290 / 397 g/mol

Molecular Formula $C_{18}H_{26}O_3$ / $C_{24}H_{31}NO_4$ **Structural Formula****CASR-No.**

302776-68-7

5466-77-3

Ingredient

Benzoic acid, 2-[4-(diethylamino)-2-hydroxybenzoyl]-, hexyl ester

p-Methoxycinnamic acid 2-ethylhexylester

Application

Uvinul® A Plus B is a ready to use solution consisting of Uvinul® A Plus dissolved in Uvinul® MC 80. The solution has a viscosity of 1600 mPa·s at room temperature.

Uvinul® A Plus B is suitable for cold process manufacturing.

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Care Chemicals**Characteristic values**

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification	Test method
Characters		
Appearance	Must comply	Visual (light yellow liquid)
Odor	Must comply	Organoleptic
Assay		
Content (GC)		PM/00795
Uvinul® A Plus	35 - 37 area %	
Uvinul® MC 80	63 - 65 area %	

Storage information**Shelf life**

36 months

Storage temperature

Protect from temperatures below 22 °C.

Storage conditions

In original sealed containers and protected from moisture

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Care Chemicals**Stabilising additives / Auxiliaries****Preservatives**

not present

Antioxidants

not present

Solvents

not present

Others

not present

General information**Raw material basis**

Synthetic: (mineral oil / natural gas)

Composition hints for finished product label**INCI Components****INCI Name (US/EU/CN)**

Ethylhexyl Methoxycinnamate

Diethylamino Hydroxybenzoyl Hexyl Benzoate

Content

63 - 65 %

35 - 37 %

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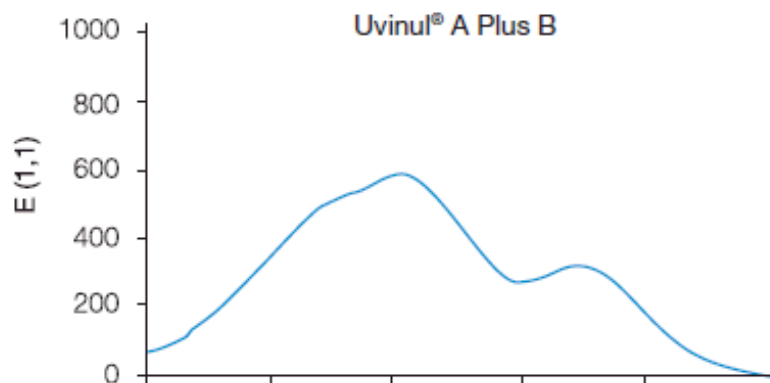
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Care Chemicals**Specific technical data**

UV spectrum

**Approval status**

Region	Amount in %
EU	15.38
Switzerland	15.38
India	15.38
Taiwan	15.38
Korea	11.5
Japan (*)	28.5
China	15.38
Australia	15.38
ASEAN	15.38
USA	-
Canada	-
S. America	15.38
Mexico	15.38

(*) Japan: limit except for cosmetics coming into contact with mucous membranes



We create chemistry

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