

## Technical Information

**Cibafast® H Liquid**

PRD 30476426

Valid since 26.10.2018  
Revision 1.0

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**Care Chemicals****UV Light Stabilizer****INCI name(s)**

Sodium Benzotriazolyl Butylphenol Sulfonate (and) Buteth-3 (and) Tributyl Citrate

**Chemical description**

Active : Benzenesulfonic acid, 3-(2H-benzotriazol-2-yl)-4-hydroxy-5-(1-methylpropyl)-, monosodium salt

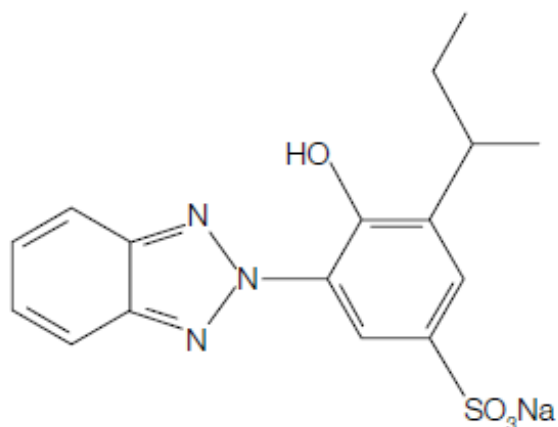
Solvents : 2-(2-(2-butoxyethoxy)ethoxy)ethanol, 2-hydroxy-1,2,3-propanetricarboxylic acid, tributyl ester

**Physical form:**

Yellowish brown liquid

**Molecular weight**

369 g/mol

**Structural Formula****CASR-No.**92484-48-5  
143-22-6  
77-94-1**Ingredient**Sodium Benzotriazolyl Butylphenol Sulfonate  
Buteth-3  
Tributyl Citrate

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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.)

<b>Test property</b>	<b>Specification</b>
Characteristic	Trace turbidity, clear
Product color	From brown to yellowish brown
Gardner value	max. 10.0
pH-value (50 g/l dist water 25 °C)	4.0 - 7.0
Absorbance (60 mg/l, water, 326 nm, 10 mm)	0.783 - 0.841
Absorption 1 % Dil./1 cm	130.5 - 140.1

Specific methods used for batch release see Certificate of Analysis.

**Typical values**

(For information purposes only, not part of the guaranteed specifications.)

<b>Property</b>	<b>Value</b>
Flashpoint	> 100 °C

**Storage information****Shelf life**  
18 months**Storage temperature**  
Room temperatur**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**

<b>INCI Name (US/EU/CN)</b>	<b>Content</b>
Sodium Benzotriazolyl Butylphenol Sulfonate	30 - 35 %
Buteth-3	60 - 70 %
Tributyl Citrate	1 - 5 %

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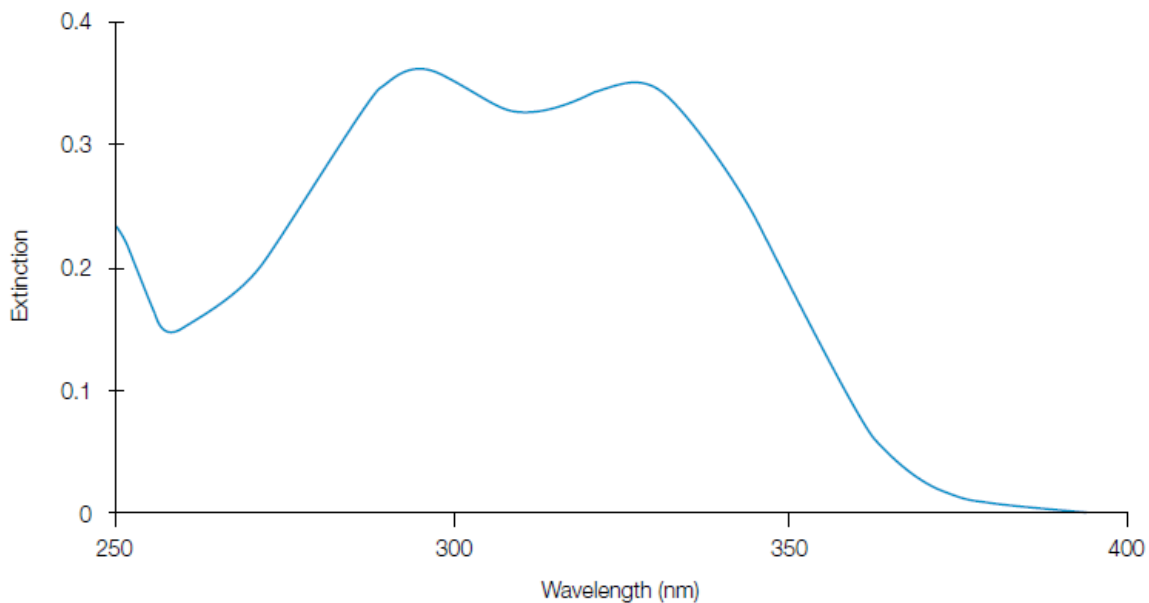
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**Care Chemicals****Product properties****Solubility**

Solubility of active (20 °C)	g/100 g solution
PEG-7 Glyceryl Cocoate	41.0
Propylene Glycol	22.0
Sodium Laureth Sulfate	9.0
Cocoamido Propyl Betaine	8.0
Ethanol	4.0
2-Propanol	3.0
Water	1.0

**Specific technical data**

## Spectrum



Cibafast H Liq. (30 mg/L in water)



We create chemistry

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**Care Chemicals**

## Miscellaneous information

### Performance

Cibafast® H Liq, a liquid formulation of Tinogard HS, is a broadband UV absorber for stabilization of transparent packaged products. It is specifically tailored to the needs of the Personal Care industry. It protects colors, fragrances, natural compounds and other sensitive ingredients from photolytic and/or photooxidative degradation, thus providing long-lasting shelf life even with light sensitive formulations.

Cibafast® H Liq. is water and alcohol soluble and thus is suitable for all kinds of aqueous and alcoholic formulations. Concentrations of 0.03 to 0.30 % are usually sufficient to stabilize formulations against photolytic degradation. Optimal incorporation levels depend on the individual formulation, the packaging and longterm stability requirements. Very strong and effective stabilizer systems can be created by combining Cibafast H Liq. with the excited state quencher Tinogard Q.

### Intended for use as cosmetic ingredient

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