
Technical Information

Agnique® ABS 60 C-EH

Alkyl benzene sulfonate in organic solvent

November 2024 | Supersedes issue dated August 2015 | Last change WF-No. 38026

10_150801e-01/Page 1 of 3

® = Registered trademark of BASF in many countries.

 **BASF**

We create chemistry

Chemical character

Agnique® ABS 60 C-EH is a solution of alkylbenzene sulfonate in 2-ethyl hexanol.

PRD-No.*

30534053

* BASF's commercial product numbers.

Appearance

Agnique® ABS 60 C-EH is a light brown liquid that tends to sediment during storage.

Handling and Storage**Handling**

- a) The storage temperature of Agnique® ABS 60 C-EH should not be allowed to exceed 40 °C. The product is not destroyed by freezing. At ambient temperatures, it already tends to separate. At low temperatures, it may become solid and is not pumpable anymore.
- b) Liquid that has solidified, or that shows signs of sedimentation, should be heated to max. 40 °C and homogenized before it is processed. Please mix sufficiently prior to use.
- c) Drums that have solidified, or that have begun to precipitate, should be reconstituted by gentle heating, preferably in a heating cabinet. The temperature must not be allowed to exceed 40 °C. Please mix sufficiently prior to use. This also applies if drums are heated by external electrical elements. Internal electrical elements should not be used because of the localized anomalies in temperature that may occur.
- c) Please refer to the latest Safety Data Sheet for detailed information on product safety.

Materials

The following materials can be used for tanks and drums:
Stainless steel 1.4571 - AISI 316 Ti stainless steel (X6 CrNiMoTi 17122)

Shelf life

Provided it is stored properly and drums are kept tightly sealed, Agnique® ABS 60 C-EH has a shelf life of at least 24 months.

Properties

Some physical properties are listed in the table below. These are typical values only and not all of them are monitored on a regular basis. They are correct at the time of publication and do not necessarily form part of the product specification. A detailed product specification is available on request.

Agnique® ABS 60 C-EH	Unit	Value
Physical form (23 °C)		liquid
Water content (ISO 4317)	%	max. 0.5
Pour point (ISO 3016)	°C	-20
Density (DIN 51757, 20 °C)	g/cm ³	~ 1.029
Viscosity (EN ISO 2555, 20 °C)	mPa·s	~ 515

Solubility

The product is insoluble in water.

Application

Agnique® ABS 60 C-EH is an anionic emulsifier for EC, EW, and SE formulations. Typically, it is combined with non-ionic emulsifiers based on castor oil ethoxylates such as Agnique® CSO 35 at a ratio of 1 : 2 (ABS 60 C-EH / CSO 35). Both emulsifiers account commonly for 6-12% of the total formulation.

Safety

We are not aware of any ill effect that can result from using Agnique® ABS 60 C-EH for the purpose for which it is intended and from processing it in accordance with current practices.

According to the experience that we have gained over many years and other information at our disposal, Agnique® ABS 60 C-EH does not exert harmful effects on health, provided it is used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our Safety Data Sheets are observed.

Labelling

Please consult the current Safety Data Sheets for information on the classification and labelling of our products and other information relevant to safety.

Disclaimer

This document, or any answers or information provided herein by BASF, does not constitute a legally binding obligation of BASF. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.

November 2024