



# TECHNICAL DATASHEET

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version 04/2018

## APROVADO

*anionic surfactant*

Dep. Qualidade

# ABESON TEA 50

ABESON TEA 50 is a triethanolamine salt of linear alkylbenzene sulfonic acid. The product is preserved with CMIT/MIT.

INCI TEA-Dodecylbenzenesulfonate  
CAS no. 121617-08-1  
EC no. 939-464-2

## PRODUCT SPECIFICATIONS

Property	Analytical method	Specification
appearance at 20 °C		clear yellowish liquid
ionic character		anionic
density at 20 °C, g/cm <sup>3</sup> , approx.		1.06
* actives, % wt.	ČSN ISO 2271	51 ± 1
TEA sulfate, % wt., max.	EN 10/a	3.5
* unsulfonated matter, % wt., max.	EN 06/b	1.0
free TEA, % wt., max.	EN 14/a	1.0
* pH, 3% solution	EN 08/a	6.5 – 7.5

\* parameters stated in the CoA

## ADDITIONAL CHARACTERISTICS

- low cloud point anionic surfactant
- excellent wetting and foaming profile
- high detergency

## MAIN APPLICATIONS

ABESON TEA 50 is an anionic surfactant used as a main active ingredient in the preparation of washing, cleaning and degreasing agents. It is also very suitable for use in oily hair shampoos where it provides easy removal of oil without stripping the hair.

## PRODUCT HANDLING, STORAGE AND PACKAGING

ABESON TEA 50 is corrosive to skin irritation and may cause skin burns and serious eye damage. Standard safety precautions should be followed when handling the product. Staff should be instructed on hazardous properties of the product and protection against its effects. When handling the product use protective gloves, protective clothing and eye/face protection. Eating, drinking and smoking at the workplace should be avoided and basic rules of work hygiene should be adhered to. Workers should wash hands and face thoroughly after handling. Detailed information on product classification, safe handling and first aid measures is given in the corresponding MSDS.

ABESON TEA 50 should be stored in original tightly closed packages or stainless steel, polyethylene or fiberglass tanks at temperatures between 20 – 40 °C. Avoid overheating or freezing. The product should be kept in covered, locked-up, cool, dry places, protected from moisture and climatic influences. Containers that have been opened must be carefully resealed after each use. The product may form sediments in case of a temperature drop under the recommended storage temperature. Re-homogenizing can be done by heating up to 40 °C and mild agitation. Under the conditions above, shelf life is 1 year from the date of shipment. Not observing the storage conditions

may lead to deterioration of the product characteristics. In such case the manufacturer does not guarantee for the quality of goods.

ABESON TEA 50 is delivered in bulk road tanks, 220L PE drums or IBC containers. Other package sizes may be agreed on upon request.

## PRODUCER AND SUPPLIER

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#### Note:

Data about the product characteristics and usage have been obtained by laboratory measurements and application tests. They are provided in good faith and they represent our best knowledge of the product. However, all the information contained herein has solely technical and non-binding character serving merely for our customers' orientation. Actual use of the product has to be adjusted to particular conditions while respecting the patent claims and copyrights. Binding qualitative parameters of the product are subject of contract or qualitative specification of the producer. Reprinting or publishing of information from this sheet is permitted only with the approval of the producer.