



SPOLAPON AES 242/70

SPOLAPON AES 242/70 is sodium lauryl ether sulfate based on natural C₁₂-C₁₄ fatty alcohol ethoxylated with an average of 2 moles of EO.

INCI Sodium Laureth Sulfate
CAS no. 68891-38-3
EC no. 500-234-8

PRODUCT SPECIFICATIONS

Property	Analytical method	Specification
appearance at 20 °C	visual	colourless to yellowish paste
ionic character		anionic
* active matters, % wt. (M _r = 385)	ČSN ISO 2271	70 ± 2
* sodium chloride, ppm, max.	ENICH 05/a	300
* sodium sulfate, % wt., max.	ENT 11/c	0.6
unsulfated matter, % wt., max.	EN 06/b	3.0
* pH, 10% aqueous solution	EN 08/a	7.5 – 9.0
colour, °Klett, 5% a. m. in 5% solution of BDG, max.		5
1,4-dioxane, as is, ppm, max.	EN 29/a	30

* parameters stated in the CoA

PRODUCT HANDLING, STORAGE AND PACKAGING

SPOLAPON AES 242/70 is a corrosive liquid causing serious eye damage and skin irritation. 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.

SPOLAPON AES 242/70 should be stored in original tightly closed packages or stainless steel, polyethylene or fiberglass tanks at temperatures between 10 – 40 °C. Product in packages should not be exposed to direct sunlight due to the possibility of overheating. Temperatures above 45 °C must be avoided because hydrolysis and subsequent formation of sulfuric acid may occur. That would lead to decomposition of the product which is irreversible. It is strictly prohibited to use hot steam as a heating medium or for warming up the material. Warm water not exceeding the temperature 45 °C is recommended as a medium for heating. Avoid overheating or freezing.

For storing SPOLAPON AES 242/70 it is recommended to use storage tanks from stainless steel. They should be equipped with an agitator and/or a circulating pump. Positive-displacement pumps are suitable for pumping the material out. The pipelines should be insulated and heated with water. Introduction of air to the product must be avoided during pumping and agitation. It is advisable to check pH level of the product in reasonable intervals and, if necessary, adjust it with caustic. Low levels of pH may lead to hydrolysis and subsequent decomposition. 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. 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.

SPOLAPON AES 242/70 is delivered in bulk road tanks, 220 litre PE drums or IBC containers. Other package sizes may be agreed on upon request.

PRODUCER AND SUPPLIER

ENASPOL a. s.

Velvěty 79

415 01 Teplice

Czech Republic

Phone number

+420-417-813-105

+420-417-813-106

Fax

+420-417-532-560

WWW

<http://www.enaspol.cz>

E-mail

enaspol@enaspol.cz

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.