

SPOLAPON CS Na

SPOLAPON CS Na is an aqueous solution of sodium cumenesulfonate.

INCI Sodium Cumenesulfonate

CAS no. 15763-76-5

EC no. 239-854-6

CHARACTERISTICS

Characteristic	Test method (if applicable)	Typical property
appearance at 20°C		clear to yellowish liquid
odour		cumene-like
colour, Klett		max. 100
density, g/cm ³		1.17
* active matter, % wt.	PN ENS 108-11	40 ± 1
* sodium sulfate, % wt., max.	PN ENS 108-11	1.5
* pH, 3% aqueous solution	PN ENS 108-11	7.5 – 9.5

* parameters stated in the CoA

ADDITIONAL CHARACTERISTICS

- soluble in water
- stable in alkaline environment
- anionic substance
- decreases viscosity of concentrated anionic blends
- does not contain any alcohol, ie. it will not lower the flash point of the formulation
- composed of both hydrophilic and hydrophobic functional groups
- improves homogeneity of liquid cleaning agents
- decreases the cloud point and crystallization temperature of nonionic surfactants and complex blends

MAIN APPLICATIONS

SPOLAPON CS Na is commonly used as a solubilizer and coupling agent in liquid detergent formulations. It helps to solubilize the water-insoluble and incompatible functional ingredients of household and institutional cleaning formulations and personal care products. In addition, it is used as a cloud point depressant for such formulations. It is most preferably used in surfactants' phosphate and silicate solutions. The coupling ability provides for formulations with high rates of inorganic builders.

Similarly to other surfactants, it is often used as a raw material for the production of washing and cleaning agents. Owing to its coupling ability, SPOLAPON CS Na can also be used in the formulations of wax strippers and complex dishwashing detergents without the use of organic solvents. Other uses include an auxiliary for construction raw materials and a non-caking agent for spray dried detergents.

HANDLING, STORAGE AND PACKAGING

SPOLAPON CS Na is not classified as dangerous goods. Normal safety precautions should be followed when handling the product (use of gloves and safety goggles). Eating, drinking and smoking at the workplace should be avoided and basic rules of work hygiene should be kept. Detailed information on the safe handling and storage of the product is given in the corresponding Material Safety Data Sheet.

SPOLAPON CS Na should be stored in original tightly closed containers or stainless steel, polyethylene or fiberglass tanks at temperatures between 20÷40°C. It should be kept in cool, dry places, protected from moisture. If the product is exposed to lower temperatures, it can crystallize and separate. In that case, it should be heated slowly and stirred gently to retrieve its homogeneity before use.

SPOLAPON CS Na is usually delivered in stainless road tanks, rail tanks and 1 tonne containers. The product may also be delivered in plastic drums (50 l or 200 l). Smaller pack sizes may be available upon request.

PRODUCER AND SUPPLIER

ENASPOL a. s.

Velvěty 79, 415 01, Teplice 1

Phone number +420-417-813-105

Fax +420-417-532-560

Website <http://www.enaspol.cz>

E-mail kasikd@enaspol.cz

Note:

Data about the product characteristics and usage have been obtained by laboratory measurements and applications 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 producer. Reprinting or publishing of information from this sheet is permitted only with the approval of supplier and producer.