



# HANSANOL NS 242 conc

HANSANOL NS 242 conc is sodium lauryl ether sulfate based on natural C<sub>12</sub>-C<sub>14</sub> fatty alcohol ethoxylated with an average of 2 moles of EO.

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 <sub>r</sub> = 385)       | DGF H-III 10      | 70 ± 2                        |
| sodium chloride, ppm, max.                           | DGF H-III 9       | 300                           |
| sodium sulfate, % wt., max.                          | DGF H-III 8'a     | 0.6                           |
| unsulfated matter, % wt., max.                       | HPLC              | 3.0                           |
| * pH, 10% aqueous solution                           | DGF H-III 1       | 7.5 – 9.0                     |
| colour, °Klett, 5% a. m. in 5% solution of BDG, max. | DGF D-III 2b      | 5                             |
| 1,4-dioxane, 100% a. m., ppm, max.                   | DGF H-III 16a     | 30                            |

\* parameters stated in the CoA

## PRODUCT HANDLING, STORAGE AND PACKAGING

HANSANOL NS 242 conc 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.

HANSANOL NS 242 conc should be stored in original tightly closed packages or stainless steel, polyethylene or fiberglass tanks at temperatures between 10 – 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. 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.

HANSANOL NS 242 conc is delivered in bulk road tanks, 150 litre 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.