



## Technical Data

# Tensioattivo alf-osa 38

## Sodium Alpha Olefin Sulfonate

### Description

The product is an aqueous solution of sodium C14-16 alpha-olefin sulfonate.

### Sales specification (parameters quoted on certificate of analysis)

Colour Klett (10% a.m., 4cm cell, F42)	150 max
Active matter (MMW 320)	37 - 41%
pH (10% solution)	5.5 - 6.5
Unsulfated matter	1.2 % max
Sodium chloride	1.0 % max
Viscosity @ 25°C (S20, S2)	500 cP max
Microbiological test (TVC)	< 50 cfu/g

Test methods are available from Innospec upon request

### Additional Information

Appearance at 25°C	Amber liquid
Density at 20°C	1.07 g/cm <sup>3</sup>
Citric Acid	As buffer
Total sultones	25 ppm max.
Formaldehyde	Not added

### Applications

Alpha olefin sulfonates provide excellent foaming and detergency properties to a broad spectrum of formulations. They produce a high volume of stable and luxurious foam combining the benefits of alkyl ether sulfates and alkyl sulfates in a single product. In addition, alpha olefin sulfonates have excellent hard water and electrolyte tolerance and are stable in acidic conditions, making them ideal for use in all cleaning applications.



## Handling and storage

See also the corresponding Safety Data Sheet for further information on health and safety.

It is recommended to store the product below 40°C. At lower temperatures (<20°C) physical separation is possible, particularly after prolonged periods. In this case it is recommended to homogenize the product, by agitation and / or warming before use. Over-heating (>50°C) may cause some deterioration of colour but is not expected to otherwise impact quality.

This product is considered chemically stable for at least 12 months from the date of manufacture. After this period it is recommended to re-check the analysis according to the specification.

## Preservation

A nominal addition of 0.25% of sodium benzoate is made to this product to protect against microbial contamination. When it is diluted or incorporated into a formulation we recommend the addition of a preservative approved by the appropriate legislation.

Restrictions on the use of sodium benzoate as a preservative according to the EC directive on biocides (98/8/EC and subsequent amendments) mean that this product might not be suitable for many applications within Europe.

## Regulatory Information

This product is wholly derived from raw materials of vegetable, mineral and / or synthetic origin and materials of animal origin are not intentionally employed during manufacturing or processing. Therefore we have no reason to expect the possibility of contamination by agents that might cause BSE / TSE.

Raw materials derived from genetically modified organisms (GMO) are not intentionally used during the manufacture or processing of this product.

This product is suitable for use in formulations that must comply with the European regulation on Cosmetics (1223/2009/EC). Restrictions on preservatives mean that it might not be suitable for other applications in Europe.

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Revision date: **15/04/2025** Ed: 1.0