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Tel: +420-412-709 222**Fax: +420-412-547 200****E-mail: chemotex@chemotex.cz****www.chemotex.cz****Alson NAM****TECHNICAL DATA SHEET****TL 049/2001**

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Product characteristics

ALSON NAM is an aqueous solution of sodium salt of alkyl(nC10-nC13)benzenesulphonic acid with fluidization ingredient.

Use

ALSON NAM is used as wetting, washing and blocking agent, suitable even as a raw material for the production of communal detergents and as an industrial preparation for constructive basic industry.

Product features

ALSON NAM is light yellow, slightly turbid liquid. It is stable both in commonly acid and even alkalic environment. It is mid-foaming preparation.

Alson NAM must comply with these quality signs:

Quality sign	Value	Methodology of setting
dry matter content (%)	33 up to 37	PN-ZM 049/2001
active substances content (%)	22 up to 26	ČSN ISO 2271
Molecular weight (g.mol ⁻¹)	348	
3% pH of aqueous solution	7 up to 9	PN-ZM 049/2001
appearance of 3% aqueous solution	pure	PN-ZM 049/2001

Product manufacturing**1. Textile industry**

- 1.1. Washing and pre-washing all types of fabrics: 1 to 3 g/l, optimal temperature above 60 °C.
- 1.2. Non-pressurized blocking of cellulose and mixed materials: 1 % out of the material weight, preferably in alkali environment.
- 1.3. Wetting and cleaning the goods during dyeing with anionic or dispersing dyestuffs: 0,5 up to 1 g/l
- 1.4. Soaping of vatting, sulphuric and reactive colouration and imprint: 0,5 up to 2 g/l.

For its perfect cleaning and anti-redeposit ability **ALSON NAM** is suitable active substance for the formulations of degreasing, washing and cleaning preparations especially in higher temperatures or in an alkali environment.

2.

Examples of framework recipes:

Cleanser destined for washable surfaces

ALSON NAM	35 weight units
ALVOL AKD	3 weight units
Sodium Hexametaphosphate	5 weight units
Isopropyl alcohol, ethyl alcohol	4 weight units

Water, perfume, preservation until remaining 100 weight units

Gentle liquid washing agent

ALSON NAM	34 weight units
SLOVASOL 2510	5 weight units
ALVOL AKD	5 weight units
Syntron B	1,5 weight units
ALTARAN PT	5 weight units

Water, perfume, preservation, pH adjustment until remaining 100 weight units

3. Mining

Product is also used as a wetting agent for circulating liquids into drill holes, recommended concentration ranges from 1 up to 5 g/l with additives of mineral complex substances (e.g. Sodium Hexameta phosphate, Sodium Pyrophosphate).

4. Construction industry

ALSON NAM may perfectly be used when producing aeroconcrete and expanded construction isolating masses. It has proved good to add about 0,3 up to 1 % out of cement weight into a batching water.

5. Other branches

Cleaning and wetting solid surfaces made up of various materials and removal of dirt such as in glass, construction, food, transportation, chemical industry etc.

Dosage: 1 up to 10 g/l, cleaning effect may be strengthened with the addition of alkali in amount of 1 up to 5 g/l.

Packing and storage

ALSON NAM is delivered in PE drums in the volume of 200 litres or in other containers that have been discussed in advance. It is stored in closed containers at the places protected from direct weather influences. Recommended temperature for storing is within +5 up to +30 °C. Product must not be stored at direct sunshine not even close to any sources of heat. Storing in temperatures lower than 0 °C does not have negative effect on the application characteristics of the product. In this case, heating-up to 25 - 40 °C and subsequent homogenization is recommended prior to the use.

Transport

ALSON NAM is transported in covered vehicles and is not subject to the ADR/RID regulations.

Warranty

If the product is transported and stored according to the above mentioned conditions, the warranty is 6 months from the date of stock-out.

Note

Data about the product characteristics and its manufacturing were acquired by laboratory measurements and

application tests. This technical sheet can only give a legal advice without any obligation. The manufacturing of the product must be adjusted to the specific conditions.

