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Alson Na

TECHNICAL DATA SHEET TL 047/2001

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Product characteristics

ALSON NA is an aqueous solution of sodium salt of dodecylbenzene sulphonic acid.

Use

ALSON NA is basic raw material for the production of washing and cleaning agents both in liquid and pasty form. In an industrial-entrepreneurial branches it is used as cleaning and washing agent. It is stable both in acid and slightly alkalic environment.

Product features

ALSON NA is yellow liquid of an non-ionic character. In temperatures lower than +10 °C firm part may separate. However when **heated up to more than +40 °C and after thorough homogenization** the preparation dissolves again and may be re-used without any signs of properties application changes.

Alson Na must comply with these quality signs:

Quality sign	Value	Methodology of setting
dry matter content (%)	28 minimally	PN-ZM 047/2001
active substance content (%)	26 minimally	ČSN ISO 2271
molecular weight (g.mol ⁻¹)	348	
pH of 3% water solution	6 up to 8	PN-ZM 047/2001

Product manufacturing

1. Textile industry

In particular, technological processes **ALSON NA** (either alone or with other additives) can be utilizable for washing and pre-washing all types of fibres in quantity of 1 up to 3 g per litre of bath (in temperature above 60 °C if possible), pressure-free backing in an alkali environment with the application of 1 % of the preparation out of the material weight adding the lye, washing as well as soaping-up the goods after dyeing of practically all types of dyestuffs in concentration of 0,5 to 2,0 g per litre of bath.

2. Production of communal detergents

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Alkyl benzene sodium sulphonate is a part of virtually all cleaning and washing agents used in households and even industry.

a) Foamy, pasty washing agent

ALSON NA	34 weight units
ETOXON 26%	10 weight units
Slovasol 2510	2,0 weight units
Alvol AKD	2,0 weight units
Carboxymethyl cellulose	2,5 weight units
Syntron B	1,5 weight units

The part remaining to 100 units comprises water, perfume, preservation and pH adjustment

b) Multi-purpose liquid cleanser

ALSON NA	24 weight units
Slovasol 2510	3 weight units
Potash soap 40 %	3 weight units
Urea	4 weight units
Potassium Pyrophosphate	10 weight units
Ammonia	0,5 weight units

The part remaining to 100 weight units comprises water, dyestuff, perfume and preservation

3. Construction industry

The addition of **ALSON NA** into batching water has proved good in production of foam concrete as well as isolating materials produced under wet conditions using cement. In general, the dosing proportion ranges from 0,2 up to 1,0 % of the weight of the used cement.

4. Other branches

Cleaning and wetting solid surfaces, removal of impurities in glass, ceramic, construction and food industry as well as in transportation. The recipe for the removal of conservative waxes may be applied as an example:

ALSON NA	22 weight units
ETOXON 26%	20 weight units
Alvol AKD	2 weight units

Packing and storage

ALSON NA is delivered in PE drums at the volume of 200 litres, in PE cans at the volume of 50 litres or in other containers that have been discussed in advance. Product is stored in closed containers at the places protected from direct weather influences. Recommended temperature for storing ranges from +5 to +30 °C. Product must not be stored at sunshine not even close to any sources of heat. Storing in temperatures lower than 0 °C does not have any negative effect on the application characteristics of the product. In this case, pre-heating to minimally 25 °C as well as subsequent homogenization are recommended prior to the use.

Transport

ALSON NA 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.

