

ALVOL L

TECHNICAL DATA SHEET TL 072/2001

Release Date: 4.4.2003

Revision date: 9.10.2025

Product characteristics

Alkanolamid kyseliny laurové (INCI: LAURAMIDE DEA).

Applications

ALVOL L is mainly used in formulations of personal care products, which use its high dermal tolerability, high foaming and foam stability.

In other business fields, it is used as a wetting agent in the textile, leather and paper industries.

Product features

ALVOL L is a yellow-brown creamy, viscous liquid, turning into a pasty consistency at temperatures below +10 °C. It is non-ionic in nature, clearly soluble in water.

SPOLAPON 4G must comply with the following parameters:

Parameter	Value
Acidity number in mg KHO/g	25 – 35
Water content in %	Max. 0.5

Product Processing

1. Cleaning, washing and personal hygiene products

In the formulations of washing, cleaning and cosmetic products, **ALVOL L** increases the viscosity of the products and has a stabilizing effect on the foam. It is used in the production of liquid detergents and liquid cosmetic products – hair shampoos, bath foams, liquid soaps, etc.

2. Textile industry

In both oxidative and reducing methods of bleaching as a wetting agent for bleaching baths. It decomposes in strongly alkaline baths. Dosage: 0.3 to 5 g/litre.

When dyeing with all groups of dyes except reactive dyes. It can be combined with equalizing preparations of cationic, non-ionic and anionic character.

Dosage: Hašple 0.3 to 0.5 g/litre

Jiggery 1 g/litre

Cross-coil dyeing apparatus: 0.3 to 1 g/litre

Continuous dyeing: 2 to 5 g/litre

It improves and accelerates the penetration of the bath into the material during non-crease, non-ironing, non-shrinking and hardening treatments and when bonding textiles.

Dosage: 0.5 to 2 g/litre

3. Leather industry

Salted leather soak

Dosage: 0.2 to 0.5% and 0.1 to 0.3% soda

Soak of dry leather

It ensures a more perfect and even soaking of the skins and shortens the overall soaking time

Dosage: 0.1 to 0.3% and 0.3% soda

Tanning

It improves the penetration of tannins, prevents sludge deposition and leads to better use of tannins.

Dosage for rear colors: 0.05 to 0.1%

Soaking of velour leathers

Dosage: **ALVOL L** 0.2 % technical ammonia 1.0 %, temperature 40 °C, time 2 hours

4. Paper industry

ALVOL L can be used with advantage in loosening paper pulp and processing waste paper as an excellent wetting agent

Dosage: 0.5 to 1 g/litre

Packaging, storage

ALVOL L is supplied in PE watering cans with a capacity of 50 liters or in other pre-agreed packaging. It is stored in sealed containers in places protected from direct weather conditions. The recommended storage temperature is +5 to +30 °C. It must not be stored in the sun or near heat sources.

Storage at temperatures below 0 °C does not adversely affect the application properties of the product.

Transport

ALVOL L is transported by covered means of transport. It is not subject to ADR/RID regulations.

Warranty period

If the product is transported and stored according to the above conditions, its warranty period is 12 months from the date of removal.

Note

Data on the properties of the product and its processing were obtained by laboratory measurements and application tests. However, this technical data sheet can only provide legal advice without obligation, the processing of the product must be adapted to specific conditions.