

## LEAD STABILIZERS

### AKSTAB NLS 28

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Rev: 1

AKSTAB NLS 28 is a neutral lead stearate which has both an excellent lubricating and stabilizing effect.

AKSTAB NLS 28 shows synergistic effects in combination with basic lead phosphite and tribasic lead sulphate.

AKSTAB NLS 28 can be used in all kind of stabilizers for pipes, profiles, sheets, rolling shutters garden fences, windows, cable insulation and sheathing etc.

The over dosage of AKSTAB NLS 28 or extreme processing temperatures may cause plate out. In such cases a partial replacement by AKSTAB BLS 51 is recommended.

It is suitable for transparent products up to 0,75 phr.

#### Definition

Neutral Lead stearate

#### Chemical and physical properties

Appearance (Physical form)	Powder -	
Appearance (Color)	White -	
Ash (% at 800°C)	29 -	32
Bulk Density (g/L)	350 -	450
Free fatty acid (%)	0 -	0,50
Moisture (% at 105°C)	0 -	0,50
Sieve residue (% at 200 micron)	0 -	0,50

#### Application

Profiles and rigid pipes  
Rolling shutters  
Electric cable insulation and sheathing

#### Handling

Wear suitable mask, protective clothing, gloves and eye/face protection.

Avoid release to the environment. Refer to special instructions/safety data sheet.

A material safety data sheet for the safe handling of this product is available on request.

This technical data sheet is not dispensing with the responsibility of the user to follow appropriate legal directives such as regulations regarding food stuff, dangerous substances and safety at working places.

Nothing in this technical data sheet can be constructed as freedom to infringe patents of 3rd parties or to breach regulations and laws.

#### Recommended dosage

Depends on the formulation, processing conditions and the type of products; usually in the range of 0,5 - 1,5 phr.

#### Mixing

A minimum temperature of 100°C for p-PVC; 120°C for u-PVC is recommended for optimal dispersion in the dryblend

#### Standard packaging

In 25 kg multilayer paperbags or 500 kg bigbags

#### Storage

Store in a cool and dry area, away from rain, snow and direct sun light.

#### Shelf life

12 months

The information in this technical data sheet is based on our own knowledge and personal experience. It should therefore only be regarded as a guide and not be taken as any form of guarantee. In the case of specific queries, please contact our technical service