

SPOLOSTAN 4G

TECHNICAL SHEET TL msp4G

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Product characteristics

SPOLOSTAN 4G is a sodium salt of naphthalene sulfoacid condensate with formaldehyde in the form of a non-dusty powder.

CAS No.: 9084-06-4

Applications

SPOLOSTAN 4G is an effective dispersant for the textile, rubber and plastics industries, usable for dyeing, preparation and stabilization of dispersions and for suspension polymerization. Due to its dispersing and equalizing effect, it is used in the dyeing of PES with dispersion dyes, for the equalization of basic dyes on PAN fiber and the equalization of anionic dyes on PAD fiber. Furthermore, **SPOLOSTAN 4G** can be used, for example, in agriculture as a dispersant of pesticides and insecticides to ensure the wettability of dry powders in dispersed aqueous products, or in the paper industry in the production of tall oil.

SPOLOSTAN 4G are most commonly used in the following industries:

- ▶ Paints and paints - dispersants
- ▶ Agriculture - Wet Powders
- ▶ Dyes and pigments – dispersant
- ▶ Leather industry – dispersant
- ▶ Paper Industry – Disperser
- ▶ Printing industry – dispersant of pigments and insoluble dyes

To optimize the delivery properties of **SPOLOSTAN 4G** for your application, we recommend a prior consultation with our technicians.

Product features

SPOLOSTAN 4G is stable in the pH range of 4 – 10. Before use, it is dissolved in about 5 times the amount of warm water, or boiled briefly. Very good equalization efficiency, suitable for combination with equalizing agents, increases the strength of coloring.

SPOLOSTAN 4G must comply with the following parameters:

Parameter	Value
Appearance at 20°C	Yellow-brown powder
Lonogenic character	Anionactive
Active substances, % w/w.	Min. 83%
pH, 1% solution	6,5 – 8,0
Na ₂ SO ₄ , % w/w.	Max. 10.0%

Dust-free finish, %	Min. 95%
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Handling, storage, packaging

SPOLOSTAN 4G is not classified as dangerous to humans. When handling, observe the general principles of occupational safety, instruct affected workers about the dangerous properties of the product and protection against its effects. Use protective clothing, rubber gloves, goggles when handling. Do not eat, drink or smoke when working. Follow the basic rules of personal hygiene, wash hands with water after work, treat with repair cream. For detailed information on classification, safe handling of the product and first aid measures, see the safety data sheet of the product.

SPOLOSTAN 4G should be stored in its original tightly closed packaging at temperatures of 10 – 35 °C. The product should be stored in covered, dry and locked warehouses, protected from moisture and weathering. Open packaging must be properly closed after each use. Under these conditions, the shelf life is 1 year from the date of shipment. If the storage conditions are not observed, some product properties may change and the manufacturer is not liable for the subsequent quality of the goods.

SPOLOSTAN 4G is supplied in multi-layer bags of 25 kg, big-bag bags with a capacity of 500 l, or in other suitable, pre-agreed packaging.

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.