

# ALITFLOCK 4705/1

## COAGULANTS

### Alitflock 4705

AlitFlock 4705/1 is an anionic powdered polyelectrolyte, used alone or in combination with primary or mixed flocculants, in processes of clarification of waste water in metalworking, galvanic, painting, mining, ceramic and paper industries.

AlitFlock 4705/1 is effective in a wide pH range, the best results are obtained in the range 6 - 8.5.

AlitFlock 4705/1 is also suitable for conditioning inorganic sludge that forms during wastewater treatments.

### Characteristic data

|                         |  |
|-------------------------|--|
| <b>Appearance</b>       | Powder, granules   |
| <b>Color</b>            | White  |
| <b>Dosage</b>           | Use as a Flocculant: 0.2 - 5 g / m <sup>3</sup>            |
| <b>Storage</b>          | Powder product: 2 years<br>Product in solution: 3 - 4 days |
| <b>Form of delivery</b> | ALITFLOCK 4705/1<br>25 KG (bag)                            |

Keep away from heat sources, direct light.

Store in closed packages, well sealed in a cool and dry environment

### Safety precautions

Please observe the usual safety precautions when handling chemical substances. The classifications according to the statutory regulations for transport, storage and handling of the product as well as further product specific information are included in the EC-safety data sheet.

### Preparation and Procedure

Alitflock 4705/1 is used after being dissolved in water. The solution should be prepared at a concentration between 0.1% and 0.25% (do not exceed 0.5%), slowly pouring the flocculant into a specific container provided with a paddle stirrer that does not exceed 800 rpm. Do not use propeller mixers. This solution is ready for use after approx. 60 minutes of maturation. The stability of the solution remains active for approx. 3-4 days. To achieve the maximum application yield, the Alitflock 4705/1 solution must be added at a point of good turbulence. The dosage of the Alitflock 4705 is to be sought case by case prior to laboratory tests and then in the plant. Indicatively, the following dosages can be considered:  
Used as a flocculant: 0.2 - 5 g / m<sup>3</sup>

We will be happy to provide you with our knowledge and advice to guarantee the best process quality.