



# TANFLOC SH

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## 1. PRODUCT

**TANFLOC SH** is a coagulant/flocculant agent for the treatment of wastewater and auxiliary in drinking water treatment as well, it is a combination of polyphenols from vegetable origin and inorganic complexes, with a more pronounced cationic character, easy application and high efficiency.

**TANFLOC SH** has a broad spectrum of applications by previous trials (jar-test) or by the explanation of our technicians.

## 2. PACKING

**TANFLOC SH LIQUID** is available in containers of polyethylene of 50 kg or containers of 1000 kg.

**TANFLOC SH POWDER** is packed in easy-to-handle 25 kg bags. The bags might be delivered on pallets or not upon request.

## 3. PRODUCT SPECIFICATIONS

### TANFLOC SH

Physical aspect	LIQUID*	FINE HYGROSCOPIC POWDER
Moisture in package (%)	-	4,5 – 6,5
Viscosity (s-25°C -Ford Cup n°4)	50 maximum	Non Applicable
pH (original form)	1,3 – 2,3	-
pH (aq.sol. 10% w/v)	-	1,8 – 2,7

\*Solvent: water.

## 4. PROPERTIES

**TANFLOC SH** with potentialized cationic character is effective in neutralising charges of the dissolved colloids material in the waters to be treatment.

**TANFLOC SH** does not alter the pH of the water being treated because it does not consume the environment's alkalinity and at the same time is effective in a pH schedule from 4.5 to 8.0.

## 5. APPLICATION

**TANFLOC SH** can be used in the original liquid form or in a diluted solution form, alone or combined with others flocculant agent as a synthetics polymers anionic and/or cationic.

**TANFLOC SH** is recommended in the following application fields:

- Waste water of metallurgy, pulp and paper, tanneries, food and chemicals industries, in primary or secondary treatment plants;
- Petrochemical waste waters, on the secondary treatment of integrated systems;
- Ceramic industries, to enamel recover and clay separation;
- Wastewater originated of a slaughterhouse, on the flotation process;
- Drinking water treatment, on conventional and compact treatment plants.

## 6. STORAGE

**TANFLOC SH** maintains its characteristics of coagulant and flocculant unchanged if property stored in dry premises, ventilated room, protected from sunlight. Inadequate conditions and a prolonged storage period may cause stability changes such as viscosity increasing.

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