



TANFLOC SG



Certified by NSF International
ANSI/NSF Standard 60
Max Use : 1.5 mg/L (free)

1. PRODUCT

TANFLOC SG is an essentially vegetable originated low molecular weight cationic organic polymer, and act as:

- Coagulant
- Flocculant
- Auxiliary flocculation agent

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

2. PACKING

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

Physical aspect	LIQUID*	FINE HYGROSCOPIC POWDER
Moisture in package (%)	-	4,5 – 6,5
Total Solids Content (%)	30 - 34	-
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 SG acts in colloidal systems neutralising charges and creating electric bonds between particles, making them unstable, producing flock and causing their sedimentation.

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

5. APPLICATION

TANFLOC SG can be used in the original liquid form or in a diluted solution form, alone or combined with others flocculant agent, like Aluminium Sulphate, Iron Chloride, etc...

TANFLOC SG 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.
- Drinking water treatment, on conventional and compact treatment plants.

6. STORAGE

TANFLOC SG 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.

Special Remarks:

- This product is obtained exclusively from reforested *Acacia mearnsii* trees also known as Mimosa, Wattle, Black Wattle or Acacia.
- Mimosa extract is also known as Wattle extract.
- The suggestions and recommendations are based on our experiences but do not constitute a warranty from our part. Our clients shall conveniently adjust the recommended products to their working conditions as well as to the other products applied during the process. The above suggestions are given for information purposes.

Revision: AL0310