



ICC-Flocculant C24 Flocculation Agent

Polyacrylamide, Flocculant, Flocculating Agent, Polymer flocculant, PAM Manufacture Polyacrylamide called PAM, commonly known as flocculants or cohesion agent, nonionic, product appearance is white powder, soluble in water. Suspension of mud from the flocculation and sedimentation and separation of mud, with low, low-cost water system, is flocculant other products cannot be replacing.

Characteristics:

Polyacrylamide **ICC-C24** is a linear polymer, soluble in water, it's almost transparent solution of the viscous liquid, non-dangerous, non-toxic, non-corrosive.

Application

Polyacrylamide is a strong flocculant which is applied in:

- Belt filter centrifuge and screw press
- All kind of industrial wastewater treatment
- Urban sewage treatment
- Mineral dressing
- Petrochemical
- Dyeing
- Dissolved air flotation

Storage and Handling

Recommended materials to storage **ICC-C24** are double thickness bags.

ICC-C24 is stable between 5 to 35 °C, away from direct sunlight and moisture.

Packaging & Shelf Life

Powder of **ICC-C24** is packed in 25kg double thickness bags.

PHYSICAL PROPERTIES

Physical state	Solid
Appearance	Colorless or white granular powder
Odour	None
molecular weight, *106 g/mol	8-10
Color	white
Particle size	20-80 mesh
Charge	cationic
Dissolving time	< 1hours
Residual monomers	< 0.05%
Solubility in water	Soluble
Insoluble component	< 0.2%
Cationic charge	Very high

Concentrated solution of **ICC-C24** is shipped in polymer (plastic) containers (100 150 and 200 lit.).

Shelf life: 0.5% wt solution of this polymer in isolated vessel has a shelf life of 6-8 weeks far away from sunlight.

Safety

ICC-C24 will not result in health damage and if comes into contact with eyes, it may cause moderate eye irritation.

Inhalation: Large quantity of dust inhalation may cause irritation to lung.

Ingestion: Consult a physician if possible. Do not induce vomiting except directed by a physician.

Skin Contact: Non-irritating to slightly irritating to skin.

Eye Contact: May result in moderate mechanical irritation by palpable powder or granular forms. Dust may cause stinging eyes. In case of contact, flush eyes with plenty of water or amphoteric eye solution for at least 15 minutes. Get medical advice if irritation develops.