

BETAGARD 4044

ALUMINUM CHLOROHYDRATE+

Description BETAGARD 4044 is a technically advanced, high performance coagulant based on aluminium chlorohydrate blended with an organic polymer, scientifically formulated for the treatment of industrial effluent including wastewaters from food and dairy processing; and the oil, textile and chemical industries.

BETAGARD 4044 is a clear colorless liquid with high Al_2O_3 content, functions as coagulant aid or sludge conditioning agent in liquid-solids separation processes. BETAGARD 4044 specialized used in water & waste water treatment for reduce of suspended solids (turbidity), color and other contaminants such as natural organic matter from surface water, colloidal particles, salt and clay are stabilized by surface electrostatic charges preventing the particles from coalescing.

Properties

Color	Yellow to amber liquid
% Al_2O_3	Min 15 %
Specific Gravity	1.20 - 1.30 @ 20°C
pH 10%	3.0 – 5.0

Dosage and Feeding

Actual dosage should be determined in laboratory jar test. Please ask your technical assistant for jar test or plant trial.

Handling and storage

BETAGARD 4044 is a moderately acidic in nature, stable under ordinary conditions substance. The recommended materials of construction for solution handling include black iron, mild steel, fibre glass, plastic and other more resistant materials. Galvanized equipments should not be used. Close tightly the drum container after use. Refer to MSDS for additional information.

Packing

In plastic container with a net weight of 30 , 275 and 1300 kg