

# BETAGARD 4041

## ALUMINUM CHLOROHYDRATE+

**Description** BETAGARD 4041 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 4041 is a clear yellow to amber liquid with high Al<sub>2</sub>O<sub>3</sub> content, functions as coagulant aid or sludge conditioning agent in liquid-solids separation processes. BETAGARD 4041 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	Clear liquid
% Al <sub>2</sub> O <sub>3</sub>	Min 20%
Specific Gravity	1.30 - 1.37 @ 20°C
pH 10%	2.0 – 4.0

**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 4041 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 25, 220 and 1000 ltrs