

Applications:

It is mainly used for the purification of drinking water and the treatment of industrial wastewater, such as radioactive substances, wastewater with lead (Pb) & chromium (Cr) highly toxic heavy metals and fluorine (F) etc..The treatment effect is better than alum, polymerized ferric sulfate and ferric chloride especially when dealing with high turbidity water in low temperature and low turbidity.

Technical Indicators

Index	Standard
Aluminum Oxide(as Al_2O_3) Mass Fraction /%	≥ 10.0
Iron oxide (as Fe_2O_3) Mass Fraction /%	1.0~4.0
Salinity /%	60~95
Density (20°C) / (g/cm ³)	≥ 1.19
Mass Fraction of Insoluble Matter /%	≤ 0.5
PH Value (10g/L aqueous solution) /%	3.5~5.0
Mass Fraction of Iron (Fe) /%	≤ 0.0003
Mass Fraction of Arsenic (As) /%	≤ 0.001
Note: The mass fractions of insoluble matter, iron, arsenic and lead listed in the table refer to the product mass of Al_2O_3 10%. when Al_2O_3 content is not equal to 10%, it will be converted on pro rata basis according to the actual content of Al_2O_3 .	

Features:

Tan, reddish brown liquid, non-toxic, harmless, slightly pungent odor.

Packaging and Preservation:

It is packed in polyethylene plastic drum, with a net weight of 25kg, 50kg or 200kg per drum. It adopts a double-layer bucket lid, the inner lid is tightly buckled and the outer lid is screwed tightly. It can also be shipped by tanker truck if needed.

Instructions:

Dilute with 3 to 5 times of water. While using, first adjust the pH value of the water to 6~10, then add the prepared polyaluminum ferric chloride solution for treatment. The quantity used is determined according to the turbidity of the water. Different turbidity requires different quantity. In addition, the COD value of water also has a great influence on the quantity used. The specific quantity needs to be determined through experiments.

