



TECHNICAL BULLETIN

FQE[®] NORM-Precip

Effective removal of dissolved radioactive salts in aqueous streams

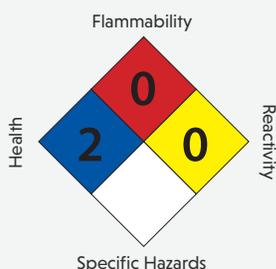


Product Data

Bulk density	9.22 lb/gallon 1105 kg/m ³
Solubility	Complete in Water
Flash point	> 200°F (93°C)
Approximate storage life	1 year

Standard Package

55 US gallons (208 litre) closed head poly drum, tote bin, or bulk.



FQE[®] NORM-Precip functions by co-precipitation and enhanced coagulation of radio-toxic Radium, and other radioactive salts, as separated water-insoluble salts.

The water-insoluble salts can then be removed by gravity differential or other means of filtration. Radioactive-free water produced from FQE NORM-Precip application may then be recycled back to process or disposed of through normal waste water treatment facilities.

Application

As a water soluble product, FQE NORM-Precip is applied directly to water streams containing dissolved radioactive materials. It is recommended that FQE NORM-Precip be added to the affected water prior to the dewatering process. Depending on the amount of radioactive elements present, typical concentrations of FQE NORM-Precip to be added to the water stream will range from 1-2% of the volume being treated, upwards of 4% if required to clear the water of all radioactive presence.

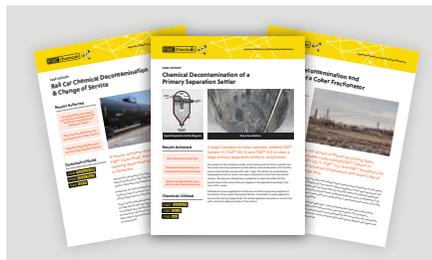
Collection of the remaining radioactive solids removed from the water must be properly handled according to local statutory regulations.

Safety

FQE NORM-Precip is generally regarded as safe. FQE NORM-Precip is not teratogenic or carcinogenic and is not mutagenic in animal studies. FQE NORM-Precip is not biodegradable containing no organic compounds.



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