

KI Oilfield Chemicals Pvt. Ltd.

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KRISCOL

Product Description

KRISCOL is a liquid cationic coagulant polymer with low molecular weight and a high charge density. This product is designed to improve liquid / solid separation and gives extraordinary clarity by reducing turbidity. This product is effective as sludge dewatering aid and influent and waste water clarification and oil demulsification. This product is totally quaternised and is not pH or chlorine sensitive. It is very easy to handle or dilute and can be used for total or partial replacement of primary coagulants such as alum, Ferric chloride, Poly aluminum chloride etc.

Typical Specification

Appearance	:	Clear Colourless liquid
pH	:	< 2.5
Active Solids (%)	:	24 ± 2
Density	:	$1.13 \pm 0.05\text{gm/cc}$
Solubility	:	Completely soluble in water
Compatibility	:	With cationic and Non ionic compounds.

Typical Application

1. Replacement / Partial replacement for alum in surface water clarification
2. Primary waste water clarification aid.
3. Oily waste water coagulant in automotive, petroleum, lubricating oil, metal cutting industry.
4. Latex waste water coagulant
2. Biological solids clarification
3. Sludge dewatering
4. Emulsion breaking reverse oilfields breakers
5. Colour removal from industrial and textile effluent
6. Filter belt sludge dewatering
7. In cosmetics by oil and dirt removal properties
8. Floatation modifier in mining processing.
9. As an additive agent, Cationic biocides, Cationic dye fixing agent, Cationic softner to improve performance of the product synergistically
10. Pitch dispersant in paper industry.

Dosage

The dosage of KRISCOL depends on the characteristics, impurities and other parameter in practice.

Advantages

1. Eliminates iron or aluminum carryover, thereby reducing potential fouling problems.
2. Resist Chlorination.
3. Performs well over a wide pH range.
4. Improves settling or flotation rates.
5. Reduces sludge volume considerably since by its addition no drop in pH like alum or other primary coagulants, no need to add lime for pH adjustments less sludge disposal problems.
6. Improves centrifugation, belt filter press and vacuum filter application.
7. Storage and handling is reduced by replacing primary coagulants with KRISCOL.

Handling

KRISCOL does not contain heavy metals and non-flammable, handling of KRISCOL requires no special precaution but usual precaution reserved for chemical handling is recommended.

Packing

200 /50 Kg Drums/Carbouys.