



RED-DXY TREATMENT FILT R A TION FILT E R SO R B INSTANT PRODUCTS SYSTEM DIVISION

Controlled Release

APPLICATIONS

- Algae Control
- Arsenic Removal
- COD Removal
- Phosphorus Removal
- Ammonia Removal
- Coagulation/Flocculation
- Color Reduction
- Disinfection by-product
- H2S Removal
- Nutrient Removal
- Only Waste Separation
- Heavy Metals Separation
- Sludge Conditioning
- Suspended Solids Removal
- TOC Total Organic Removal
- COD/BOD Reduction
- Waste Water Clarification
- Water Clarification
- 100% Chloramine Reduction



FERRIC-SULFATE GRANULES

ERRICISE

Yes-Granular Unlike powdered or liquid grades verv are dangerous to handle in small. medium-size and waste water large treatment facilities. The whole world is still usina Aluminum Sulfate.



Aluminum sulfate can be harmful over a long period of time for the **environment** as well as the **human health**. Aluminum causes many diseases in human body.

<u>Why-</u> The Granular form is ideally suited because it is very easy to handle. The Granular form is ideally suited in any application from small to large water treatment facilities. Due to the fact that it remains free-flowing during the controlled dosing-controlled feeding in dilution process.

Ferris Sulfate Granules is the most efficient flocculant for the treatment of any water treatment with pH level around 8 or above and with the combination of ADSORB^X or ADSORB^{3X}



RED-OXY TREATMENT FILT RATION FILT ERSORB INSTANT PRODUCTS SYSTEM DIVISION

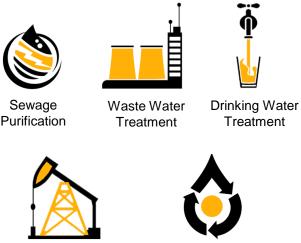


ERRIC-SG DESCRIPTION

MANUFACTURING

Watch Water® is using proprietary manufacturing process which is unique to produce very high-quality Ferric Sulfate Beyond the benefit Granules. of Ferric. Zeoferric Sulfate consumes verv less **Alkalinity** in its application when compared to any traditional coagulant. This means that less bicarbonates are needed to maintain desired alkalinity levels, representing **POTENCIALLY-SIGNFICANT** cost-savings. FERRIC-SG Granules can have a greater removal capacity and decrease the amounts of sludge and waste concentrates its weight by nature and high setting velocity are another very huge advantage.

Only **FERRIC-SG** is applicable over a **wide pH range**, which allows for its use in multiple Applications, such as:



Industrial Water

Water Reuse Application

DESCRIPTION

Watch Water® FERRIC-SG is a light maroon Granules of Ferric-Iron. manufactured to specifications strict from high quality certified materials. Watch Water's® unique manufacturing process renders a superior ferric-sulfate Granular that is stable at concentration up to 19.5% Ferric Iron, because all of the free acid is consumed by Geopolymerization of Iron. Watch Water® FERRIC-SG is acid free. FERRIC-SG is very effective as a coagulant in Oily and detergent water clarification. It is excellent for turbidity control **Best Coagulant** for the removal of color and suspended solids. Excellent for the Removal of Phosphorus, Chromium, lead especially Arsenic and Selenium and many Heavy Metals. FERRIC-SG is widely used for sludge dewatering, as well resulting in sludge volume reduction up to 60% of its weight.

TYPICAL ANALYSIS

Mesh1-2mm
AppearanceLight Maroon
•
рН7.0
Free AcidNil
Specific Gravity 10% (% Fe ⁺³)1.4-1.5
Concentration(% Fe ⁺³)19.5-20%

Product Shipping 30 kg bag 40 bags on Pallet Big Bags of 1000 kg

