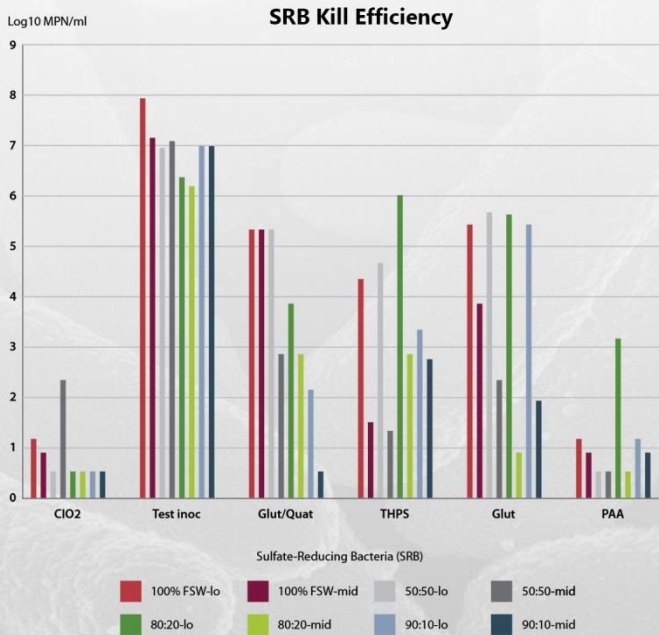
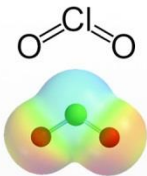


GraphEat

Typical Dosage of Graph Eat	
Application	Dosage (ppm)
Production and Transmission Pipelines	50 - 100
Fracking	50 - 100
Sea Water injection	100 -250
Industrial Cooling Tower (refineries, etc.)	0.5 -5
Drilling	20 -1000
Drinking Water	0.2 - 0.4



In most industries, water is a key element. Scarce water resources and environmental regulations had become the major challenges when dealing with water use.



GraphEat has been developed to solve these critical water recovery, water treatment and water recycling processes for major industries around the world.

Scomi-Platinum has developed GraphEat which is a highly effective bactericide. It is a strong oxidizer and selective disinfectant that kills algae and a wide range of bacteria. It works for both brine and fresh water systems to eradicate poisonous and corrosive hydrogen sulfide gas and sulfate-reducing bacteria. It is 10 times more powerful than chlorine type disinfectants. GraphEat is stable for at least 30 days upon application without any performance lost.

Features and Benefits

- No harmful by-products.
- Eco-friendly biocides.
- Cost effective biocides.
- Simple, safe and easy to use.
- Generates more ClO_2 than traditional methods.
- Excellent alternative to chlorine, bleach, ozone, bromine and PAA.
- Efficient within a wide pH range, turbidity and temperatures.
- 100% kill ratio: Bacteria unable to develop immunity.
- Reduced equipment corrosion.

Performance Comparison Between Biocide Technologies

	GraphEat	Hydrogen Peroxide (H_2O_2)	Ozone (O_3)	UV Light	Organic Acid	Formic Acid	Sodium Hypochlorite, Chlorine
Decomposition Products	$\text{NaCl} + \text{H}_2\text{O}$	$\text{O}_2 + \text{H}_2\text{O}$	$\text{O}_2 + \text{Oxygenated Compounds}$	O_3	Other acids and alkalis	Carbon Monoxide	Chlorine, Chlorinated Compounds, Chloramines
Residues	No	No	No	No	Yes	Yes	Yes
Declared on Label	No	No	No	No	Yes	No	No
Processing Aid	Yes	Yes	Yes	Yes	No	No	Yes
Tainting Issues	No	No	No	No	Yes	Yes	Yes
Reacts with Hydrocarbons	No	Yes	Yes	Yes	Yes	Yes	Yes
Specific for Killing Bacteria	Yes	No	No	No	No	No	No
Operates in Turbid Water	Yes	Yes	Yes	No	Yes	Yes	Yes
General Oxidant	No	Yes	Yes	Yes	No	Yes	Yes
Hazardous	No	Yes	Yes	Yes	No	Yes	Yes
Corrosive	No	Yes	Yes	No	No	Yes	Yes
Harmful By-Products	No	Yes	Yes	Yes	No	Yes	Yes
100% utilization for Bacteria Killing	Yes	No	No	No	No	No	No
Produce Chlorine	No	No	No	No	No	No	Yes
DWI Approved	Yes	No	No	No	No	No	No
% Compliance	100%	47%	47%	47%	40%	20%	20%