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## PRODUCT INTRODUCTION

### **BACTERICIDES: GUANIDINE-BASED BIOCIDES**

#### **DESCRIPTION:**

The product is an aqueous solution containing polyhexamethyl guanidine fungicides and long chain alkyl guanidine fungicides.

#### **APPLICATION:**

Used in oilfield produced water and waterflooding systems to inhibit bacterial reproduction.

#### **FEATURES:**

- A new type of biocide, guanidine, can be applied to sanitation, textile, printing, and dyeing industries and oilfield sewage treatment.
- Non-toxic.
- A weak cationic biocide can be used in the produced water and waterflooding containing anion polyacrilamide.
- Effective over a wide pH range.

#### **RECOMMENDED DOSAGE**

40-80 ppm, depending on the type of fluid.

<b>PROPERTIES</b>	
Appearance at 25 C	Light yellow color without visible mechanical impurities
Water solubility	Excellent miscibility with water in all concentrations
Pour point C	≤ -10
pH value	6 - 9
Corrosivity	None