# De-Sulph-A-Nator

### Hydrogen Sulfide Preventative



When added to a wastewater process De-Sulph-A-Nator is a sulfide scavenger, seeking to bind sulfur and sulfide chemistry. De-Sulph-A-Nator is unique in that it chelates the anionic sulfur and sulfide molecules; this prevents odor formation and makes the sulfur unable to form dangerous hydrogen sulfide.

Compared to ferric acid and caustic soda, De-Sulph-A-Nator is a much safer and easier product to work with. De-Sulph-A-Nator is used in wastewater plants, lagoons and anaerobic digesters and sludge storage tanks where sulfide odors are a concern.

Binds With Sulfate to

## Prevent H<sub>2</sub>S Formation

Safe to Use

# **Stops Corrosion**

Apply Upstream of Problem Area to

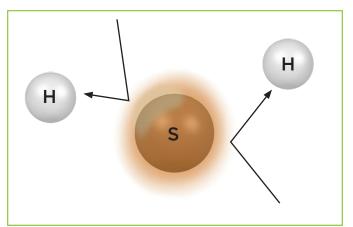
### **Eliminate Odors**



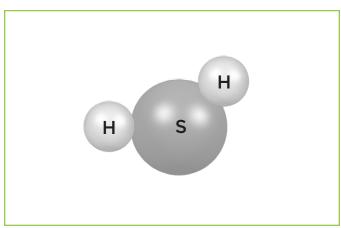
#### Figure 1:

Sulfur molecule chelated with De-Sulph-A-Nator doesn't bind with hydrogen, doesn't become hydrogen sulfide

#### **Treated**



#### Untreated





# **Dose Rates**

## De-Sulph-A-Nator



De-Sulph-A-Nator in Lift Stations/Collection Systems/Sewer Lines		
Flow Rate Gallons per day	Dose Once per day	
10,000 GPD	15 - 60 oz	
100,000 GPD	1 - 4.5 gal	
1 MGD	12 - 45 gal	

Sludge Storage Tank	
Tank Size	Dose Once per week
100,000 gal	5 gal
500,000 gal	25 gal
1,000,000 gal	50 gal

### **De-Sulph-A-Nator Dosing:**

- Meter in upstream of problem area
- 8 hours or less detention time is ideal

#### **Available Sizes:**

- 5 gal case
- 55 gal drum
- 275 gal tote

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Notes:		DAZZEL  SENSE SWEETENES
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		If the odor problems are not
		sulfide related, use our
		DAZZeL Sewer Sweetener.