

Description: *Sul-Free™ WS-1585* is one of a series of products which represent a new group of organo-imine based compounds.

WS-1585 preferentially targets hydrogen sulfide, mercaptans and organo-sulfur compounds. *Sul-Free™* reactions are rapid and offer increased bonding endurance at very low application rates. *Sul-Free™* is applied at ratios of .25 - 1 parts *WS-1585* per part H₂S and consequently is among the lowest cost treatments available. In aerobic conditions, *Sul-Free™* can catalytically regenerate. This further reduces chemical use and lowers cost. *Sul-Free™* can be used in a wide range of applications including holding ponds, WWT systems, farms, air scrubbers, industrial effluents etc. Applications can be direct feed into the waste stream or misting above the area to abate the sulfur compound odors. Easy and safe to use, no special handling required. Does not require special tanks or slurry mixing equipment. *Sul-Free™* has been found to be safe and non-corrosive on all substrates encountered during treatment.

Physical Properties:

Type--	Proprietary Organo-Imine
Flash Point -	None to Boiling @213° F
Odor-	Mild Fruity
pH-	10.5 +/- 0.5
Specific Gravity	1.1 ± 0.05
Shelf Life-	1 year

Application:

Aerated Holding Ponds- 0.1 – 1 parts WS-1585 / part H₂S

Non-aerated ponds- .25 – 2 parts WS-1585 / part H₂S

Waste Water Treatment Plants:

Collection Systems- .25 – 2 parts WS-1585 / part H₂S

Headworks- 0.1 – 1 parts WS-1585 / part H₂S

Digesters- .25 – 2 parts WS-1560 / part H₂S

Air Scrubbers- .1 – 2 parts WS-1560 / part H₂S

Sul-Free™ WS-1585 is well suited to application in water treatment systems with flow-rates of >50 mgd. Lower flow rates can more easily apply the *Sul-Free™ WS-1500, WS-1530 or WS-1560*.

Innovative Products, Amazing Results

GUARD PRODUCTS, INC.