

ICS-5640

Hydrogen Sulfide Scavenger



International
Chemical
Group

Description:

ICS-5640 is 40% active triazine based on the reaction product of mono-methylamine and formaldehyde.

Applications:

ICS-5640 should be injected into the system during the initial stage of treatment in order to increase the time of interaction between the reagent and H₂S and mercaptans. The reagent may be injected using dosage equipment. Intensive mixing of the reagent with the treated product should be performed continuously.

The effectiveness ICS-5640 depends on the distribution rates in the treated product's environment. It is especially important for viscous products (fuel oil, boiler fuel). Pre-heating these products to 70-90°C before injecting the reagent significantly enhances the scavenger's efficiency.

ICS-5640 reacted solutions are water-soluble, functioning as a corrosion inhibitor and normally injected into water disposal systems.

Physical Properties:

Appearance:	Yellow / brown liquid, amine odour
Activity:	40%
Solubility:	Water
Specific Gravity:	0.93 – 1.04 @ 25°C (77°F)
pH:	> 10

Dosage:

The dosage may vary within the range of 6 to 12 g for 1 g of H₂S depending on the application conditions.

Handling:

This product is combustible and should be kept away from open heat sources. Please refer to the Safety Data Sheet for further handling information.

Packaging:

ICS-5640 is available in drum and tote quantities.

Technical Data Sheet

Liability Disclaimer - The information in this Data Sheet is provided without suggestion of warranty or guarantee. "Physical Properties" are typically values rather than specifications. The user is responsible for investigation for suitability of this product for their own use.



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