

Technical Data Sheet

BIONIC-C210: Hydrogen Sulphide Scavenger

1. General Information

BIONIC-C210 is a triazine based product which has hydrogen-sulphide scavenging action. **BIONIC-C210** is designed to be used in oil and gas fields and in all those industrial application where the hydrogen sulphide causes corrosion phenomena, favors the growth of sulphate reducing anaerobes and induces offensive odors.

2. Typical Physical properties

Appearance	Yellow to amber liquid
Specific Gravity	1.1 ±0.05
PH	9-11
Flash point	>60

3. Application

BIONIC-C210 is designed for effective reduction of H₂S in hydrocarbon fluid and residual fuels in particular. Its low Dosage rate and cost-effective treatment renders an attractive way to refiners to control H₂S and RSH in a variety of products. Dosages are proportional to the quantity of hydrogen sulphide present in the system and on the basis of the characterization of the plant which is about 5-7 ppm of BIONIC-C210 to each ppm of H₂S.

4. Health Information

Avoid breathing vapors and contact with skin, eyes and clothing. Wash thoroughly after handling. In case of eye contact, immediately flush with plenty of water at least 15 minutes.

5. Storage/Handling

BIONIC-C210 is toxic in case of ingestion, inhalation and skin absorption. The use of rubber gloves and protective goggles is compulsory. Do not inhale vapors. In case of contact, wash immediately with water and change contaminated clothing.

6. Suitable Construction Material

HDPE (high density polyethylene), Stainless Steel 304, Stainless Steel 316L, MDPE (medium density polyethylene).

7. Human Health Hazards

• INHALATION

Irritating in high concentrations, to the eye, nose, throat and lungs.

• SKIN CONTACT

May cause irritation depending on the length of exposure and the type of first aid administered.

• EYE CONTACT

Corrosive, may cause eye burns.

8. Material Compatibility

BIONIC-C210 is compatible with High-density polyethylene, poly propylene, and stainless steel. Copper, aluminum and their alloy are not recommended.

9. Packing

BIONIC-C210 is available in bulk loads or 200 KG drums.

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