

Water-based Hydrogen Sulfide Scavenger NEOSULF EF

TECHNICAL INFORMATION SHEET

GENERAL INFORMATION

NEOSULF EF is a state-of-the-art hydrogen sulphide scavenger specially developed to operate efficiently in both gaseous and liquid media. Its unique formulation allows the reaction of the product with H_2S to occur immediately, resulting in an inert substance, the atomic sulfur.

In addition, the exclusive **NEOSULF EF** formulation has been developed with environmental concerns: it is a non-environmentally aggressive product when used at the indicated concentrations, it has no extreme pH (unlike other H_2S scavengers), and the by-product of its reaction with H_2S is considered nontoxic.

Unlike other H_2S scavengers, the performance of **NEOSULF EF** is not affected or reduced due to the presence of CO_2 in the system. This feature is especially important in the treatment of hydrogen sulphide in systems where CO_2 is present, either as naturally occurring gas in the reservoir or in fields where CO_2 is injected as a form of advanced hydrocarbon recovery.

PHYSICAL-CHEMICAL PROPERTIES

Aspect	Dark Red Liquid
Specific gravity (25°C)	1.00 – 1.05
pH	8.0 – 10.0
Water Solubility	Soluble

CHEMICAL DESCRIPTION

NEOSULF EF is an H₂S scavenger formulated from a blend of inorganic components combined in the exact proportion to allow maximum performance with a minimum product consumption. **NEOSULF EF** contains in its formulation oxidizing agents capable of reacting with the H₂S immediately, oxidizing it to atomic sulfur. **NEOSULF EF** is completely watersoluble.

RECOMMENDED USES

NEOSULF EF is especially recommended in oil and gas production systems where the presence of hydrogen sulphide gas has been detected.

SAFETY IN USE, STORAGE AND HANDLING

NEOSULF EF is an alkaline product. It should be handled using the appropriate PPE: rubber gloves, apron, safety goggles and rubber boots. Avoid contact with eyes, skin and clothing as well as inhalation of vapors. In case of contact, immediately flush with running water for at least 15 minutes. If contact is with the eyes, rinse for at least 15 minutes with plenty of running water and consult a doctor.