

Hydrogen Sulfide Scavenger & LEL Reducer

PHYSICAL DESCRIPTION

Appearance	Colourless to light amber, free-flowing liquid
Freezing Point	<-20°C
Specific Gravity	1.14
Solubility	Water – complete soluble
Odour	Amine, Antiseptic
pH	10.4 – 11.0 (neat)

PROPERTIES

CFR Chemicals StaZero™ 200 is a proprietary formulation that provides excellent H₂S and LEL reduction over a wide range of water brines.

StaZero™ 200 is a preventative treatment to neutralize H₂S, methyl- and ethyl-mercaptans, and works as a mitigation agent for use on a wide range of hydrocarbon contaminants in industrial cleaning, tank turnarounds, oil-field water applications as well as other industrial water applications.

StaZero™ 200 can be diluted with water and upon reaction with acid gases produces an easy-to-dispose, non-hazardous reaction product.

BENEFITS

StaZero™ 200 is proven effective for long term suppression of Volatile Organic Compound (VOC) vapours.

StaZero™ 200 is a formaldehyde free, non-flammable, winter-stable product that doesn't contain harmful carcinogenic compounds, ammonia, or methanol.

StaZero™ 200 can be used in tank, vessel, and pipeline decommission and decontamination, liquid hydrocarbon pipelines, gas plants.

Spent product is non-toxic under the Environment Canada Biological test "Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout"

StaZero™ 200

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MIXING & HANDLING INSTRUCTIONS

StaZero™ 200 is a concentrated chemical product that needs to be diluted into water to be effective.

StaZero™ 200 is mainly used in storage tank and truck treatment for H₂S & LEL headspace reduction. Typical dilution rates are from 1 to 10% - most typically 3 to 8% - into fresh water depending on the application.

StaZero™ 200 exhibits fast reaction times, and can be applied through any pressure washer or water spraying application, and is typically sprayed into a vessel from the top to allow a high, stable foam to form.

The foam is then allowed to break naturally, at which point the fluids in the bottom of the vessel are drained, and the LEL level is checked before repetition of the application, or continuing with the cleaning process.

CAUTION, SHIPPING & HANDLING

Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage. Causes eye irritation. Harmful if inhaled. May cause respiratory irritation.

Handle with care as with any industrial chemical.

Wash contacted area with large quantities of water.

StaZero™ 200 is available in 20 Liter pails, 205 Liter drums and in bulk.

Safety Data Sheets are available outlining safe handling practices.

Disposal should be in accordance with all applicable federal, provincial, and local environmental regulations and laws.

For additional assistance or information, please contact your nearest CFR Chemicals Representative