

OIL & GAS FLUID TREATMENT



PENETONE 7010M is a bisulfite-based oxygen scavenger effective at removing dissolved oxygen from such fluids as brines and fresh water to reduce corrosion of production flowlines and injection equipment. It converts dissolved oxygen into a non-scaling sulphate salt to eliminate the corrosive potential.

FEATURES AND BENEFITS

- Useful for dechlorination and boiler water treatment

DIRECTIONS FOR USE

Treatment rates

Typical treatment rates start at 13-15 mL per ppm of dissolved oxygen and performs best in a continuous injection application. **PENETONE 7010M** can also be batched into large water tanks.

PENETONE 7010M may also be used as a deactivator for eliminating residual biocide and potassium permanganate concentrations.

PENETONE 7010M

OXYGEN SCAVENGER

PHYSICAL PROPERTIES

Appearance	Clear, colorless to pale yellow liquid
Odour	Sulphurous
Specific Gravity @ 20°C	1.300-1.400
Viscosity	Not available
pH	3.8 – 5.2
Flash Point (TCC)	None
Boiling Point	Approx. 104°C (219°F)
Freezing Point	Approx. 6°C (43°F)
Autoignition temperature	Not available
Water Solubility	Complete

INCOMPATIBILITY

Strong oxidizing agents or acid, metals

WAREHOUSING PRECAUTIONS

Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.

AVAILABLE SIZES

			
205L	1000L		

FIRST AID MEASURES

EYE CONTACT

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

SKIN CONTACT

Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing.

INHALATION

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION

Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

HEALTH

2

FLAMMABILITY

0

REACTIVITY

1

LEGEND

0 = MINIMAL RISK
1 = SLIGHT RISK
2 = MODERATE RISK
3 = SERIOUS RISK
4 = SEVERE RISK

PERSONAL PROTECTION Security equipment



WHMIS



IMPORTANT: Before using PENETONE 7010M, always be sure to read and follow precautions and directions for use appearing on the product container label and on the safety data sheet (S.D.S).



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