

OIL & GAS FLUID TREATMENT



PENETONE 7050M is a glutaraldehyde-based bacterial control agent, with a favorable ecotoxicological profile, for oil and gas process systems. It provides effective control over a broad spectrum of aerobes and anaerobes, including acid-producing and sulphate-reducing bacteria, and reduces both sessile and planktonic bacterial colonies in produced and fresh water under a wide range of pH and temperature conditions.

PENETONE 7050M is stable in hard waters and brines and will not interfere with the action of demulsifiers, corrosion inhibitors, or surfactants. It is also not readily deactivated by H₂S or organic acids.

FEATURES AND BENEFITS

- Non-ionic biocide
- Non-corrosive
- Effective over a wide pH range
- Miscible in all types of water
- Readily deactivated

DIRECTIONS FOR USE

Treatment rates

Treatment rates will vary depending on the application. Typical bacterial control treatments are achieved with 1,000 to 5,000 ppmv batch applications of **PENETONE 7050M**. A maintenance batch of 500 to 1,000 ppmv should be applied periodically depending on the severity of the bacterial problem, as indicated by growth media sampling and analysis.

Concentrations should be monitored with field test kits.

Residual concentrations can be deactivated with **PENETONE 7010M**.

PENETONE 7050M

BACTERIAL CONTROL AGENT

PHYSICAL PROPERTIES

Appearance	Clear, yellow liquid
Odour	Alcohol
Specific Gravity @ 20°C	0.950-1.050
Viscosity	Not available
pH	6.0-7.0
Flash Point (TCC)	<37.8°C (<100°F)
Boiling Point	Not available
Freezing Point	< -40°C (< -40°F)
Autoignition temperature	Not available
Water Solubility	Complete

INCOMPATIBILITY

Acids, oxidizing agents

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. Immediately call a POISON CENTER or doctor/physician.

SKIN CONTACT

Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before reuse.

INHALATION

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

INGESTION

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

HEALTH

2

FLAMMABILITY

3

REACTIVITY

0

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 7050M, 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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