PRODUCT DATA SHEET

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SO-CHEM G - 125
GLUTARALDEHYDE

GENERAL DESCRIPTION

SO-CHEM G-125 GLUTARALDEHYDE is an aqueous mixture of Aldehydes widely used as biocide in Oil and Gas Industry, Water treatment. Glutaraldehyde is Hydrophilic (water miscible), Biodegradable and Non - Bio accumulative.

RECOMMENDED USES

SO-CHEM G-125 is recommended to be used in batch applications only. The recommended application is periodic batch treatment at a concentration of 0.1 %vol. Treatment frequency is based on severity of bacteria problem. Success of the Glutaraldehyde treatment may be monitored using bacteria culture test methods.

So-Chem chemical personnel can advise on treatment and application volumes.

APPLICATION

SO-CHEM G-125 can be used in all types of water based drilling fluids and completion fluids to prevent and control bacterial growth. It is often used in polymer based drilling fluids to control bacteria contamination.

In Off-shore applications, it is added to the well injection sea water to control the Sulfate-Reducing Bacteria and other bacterial activity. It also can be added directly into flowlines to control aerobic and anaerobic bacteria including Sulfate Reducing Bacteria (SRB). Helps reduce corrosion by preventing production of acid gases due to bacterial growth.

TYPICAL PHYSICAL PROPERTIES:

Appearance	-	Liquid
Colour	-	Clear, Colourless
Specific Gravity	-	1.0512
Freezing Point	-	10.0 °C
Solubility	-	Miscible in Water

HANDLING:

Prior to using this product, refer to the Safety Data Sheet (SDS) for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

AVAILABILITY:

SO- CHEM G- 125 is available from Southern Chemicals Limited, # 2 Tarran Industrial Estate, La Romain, San Fernando in bulk deliveries (tote tanks) or 55 gall plastic drums.

REVIEW:

This Product Data Sheet shall be reviewed as necessary.