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## CHEMCIDE

**DESCRIPTION** This product is a registered biocide under Agriculture Canada's "Pest Control Products Act". (Registration # 22316). Chemical family: N-Coco Alkyltrimethylenediamine acetates.

Chemcide is straw coloured with a slight ammonia - vinegar odour. The specific gravity is 1.05 and pH is 7.5 - 8.0.

**APPLICATION** DRILLING, WELL COMPLETION, WORKOVER AND STIMULATION.

For control of algae, slime forming and sulphate reducing bacteria, dosage levels of up to 1500 ppm (active) in normal situations and up to 3000 ppm (active) for severe contamination is suggested. In packer fluids, doses up to 300 ppm (active) is recommended.

**INGREDIENT** PRODUCT DOSAGE RATE FOR PROPER CONCENTRATION OF ACTIVE

<u>PPM of Active Ingredient</u>	<u>Treatment Rate of Chemcide 1/m<sup>3</sup></u>
150	0.75
300	1.50
500	2.50
1000	5.00
1500	7.50
3000	15.00

SECONDARY OIL PRODUCTION

For control of algae, slime forming and sulphate reducing bacteria in oilfield waterflood, slug treat at a rate up to 1000 ppm (active) for up to 6 hours as needed to achieve control. Repeat treatment once a week or as needed to maintain control.

**NOTE:** See disclaimer for supplier responsibility.

**MUDCO Services Ltd.**

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**PRODUCT DATA**

CHEMCIDE.doc

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PETROLEUM TRANSPORT AND STORAGE SYSTEMS, AND SURFACE EQUIPMENT

To control bacteria in crude oil pipelines, slug with doses up to 19.5 litres per diameter centimetre per kilometre of pipeline. Repeat weekly or as needed to control the situation. The appropriate doses will depend on the severity of each problem.

Up to 150 ppm (active) can be used in water for hydrostatic testing and treatment in water and crude oil storage facilities.

This should be used in subsurface injection systems only.

**HANDLING**

Chemcide should be added at a point of low agitation. Mixing through the mud hopper or at a point of high agitation may cause foaming problems.

**NOTICE TO USER:** Chemcide is a control product to be used only in accordance with the directions on the product label. It is an offence under the "PEST CONTROL PRODUCTS ACT" to use a controlled product within unsafe conditions.

**WHMIS**

Not controlled under WHMIS (See MSDS)

**TDG**

Non Regulated (See MSDS)

**PACKAGING**

20 litre pail

**FUNCTIONAL EQUIVALENT(S)**

BioCide

Bri-Chemcide

*NOTE: See disclaimer for supplier responsibility.*