

2018-3034  
2019-03-15

MB-5984

(Solution in Methanol)

For Use as an Oilfield Biocide

REGISTRATION No 33375  
PEST CONTROL PRODUCT ACT

READ THE LABEL BEFORE USING

COMMERCIAL

ACTIVE INGREDIENT: 1-Alkyl\*-1,3-Propanediamine Diacetate...32.0%  
(\*Alkyl groups as derived from coconut oil fatty acids) (7% C8, 6.5% C10, 53% C12,  
19% C14, 8.5% C16, 6% C18)

NET CONTENTS 20 – 3000 L

DANGER

POISON      FLAMMABLE      CORROSIVE

Schlumberger Canada, Ltd.  
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Calgary, Alberta T2G 0P6, Canada

EMERGENCY TELEPHONE NUMBERS  
TRANSPORTATION EMERGENCIES ONLY  
Canada/Canutec:                    1-613-992-4624

ALL OTHER EMERGENCIES  
Canada/Carechem (24 Hours): +1 800 579 7421

Made in Canada

Schlumberger-Private

## **PRECAUTIONS**

KEEP OUT OF REACH OF CHILDREN

DANGER! CORROSIVE!

\*CONTAINS METHANOL\*

FLAMMABLE AND CORROSIVE

CAN BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. CAUSES EYE AND SKIN BURNS. Use only in well ventilated areas. Keep away from heat, sparks and open flame. Wear goggles or face shield, chemical-resistant gloves, long pants, a long-sleeve shirt, and shoes and socks when handling. Avoid contamination of food.

## **FIRST AID**

If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label, product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** CONTAINS METHANOL AND ACETIC ACID. There is no specific antidote. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion, may be needed.

## **DIRECTIONS FOR USE**

Apply the product using a closed delivery system such as a dry coupling and/or metering pump.

**Secondary Oil Production:** For the control of algae, slime forming and sulphate reducing bacteria in oilfield waterflood slug, treat at a rate up to 600 ppm for up to 6 hours as needed, to achieve control. Repeat treatment once a week or as needed to maintain control. For continuous treatment, up to 200 ppm can be used initially to achieve control with maintenance levels of up to 100 ppm. Levels for effective control will vary depending on conditions at site.

**Well Completions, Workover and Stimulation Fluids:** For control of algae, slime forming and sulphate reducing bacteria, dosage levels of up to 1000 ppm in normal situations and up to 2000 ppm for severe contamination is suggested. In packer fluids, doses up to 200 ppm are recommended.

**Petroleum Transport, Storage Systems and Surface Equipment:** To control bacteria in crude oil pipelines, slug dose with up to 6.0 litres per centimetre of diameter per kilometre of pipeline. Repeat weekly or as needed to control situation. The appropriate doses will depend on the severity of the problem. Up to 100 ppm can be used in water for hydrostatic testing and in treatment of water and crude oil storage facilities. This water should be used in sub-surface injection systems only.

## **STORAGE**

Container should be stored in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Exercise due caution to prevent damage to or leaking from the container. Do not use air pressure to transfer. Do not reuse empty container.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Toxic to birds. Toxic to aquatic organisms. DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters. Not for use in marine or estuarine fields. Open dumping is prohibited.

## **DISPOSAL**

Non-refillable container: 1) Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site. 2) Follow provincial/territorial instructions for any required additional cleaning of the container prior to its disposal or reconditioning. 3) Make the empty container unsuitable for further use. 4) Dispose of container in accordance with provincial/territorial requirements.

Refillable container: This container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Refill container with MB-5984 only. Do not reuse container for any other product or purpose. Pails are not reused; drums and tanker trucks are cleaned offsite by 3rd party. For Tote tanks: visually inspect interior of tank for debris or sediment. If tote requires "General Cleaning" drain and capture any contents in designated contained sump and properly dispose of in accordance with regulations and normal procedures. Rinse/Wash (Residue): Secure 360 degree spray unit in place of tote cap. Attach hot water line to spray unit. Open tote valve to waste collection container. Rinse tote for 3-5 minutes. Drain and capture contents in designated waste disposal container and properly dispose of in accordance with regulations and normal procedures. Repeat rinse cycle 2 times. Drain and capture contents in designated waste disposal container and properly dispose of in accordance with regulations and normal procedures.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**SPILLAGE:** Clean up spills immediately. For small spills, recover free liquid. Soak up residue with solid absorbent. Larger spills should be flushed to a collection basin for disposal. Clean area well with detergent and water. **DO NOT FLUSH INTO SURFACE STREAMS. CONTACT THE MANUFACTURER AND THE PROVINCIAL REGULATORY AGENCY.**

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label.