

26-APR-2000

MTL

THE BRAND OF EXCELLENCE

MTL - BIOCLEAR 2000

ANTIMICROBIAL SOLID FORM:

Controls bacteria in oil recovery operations

INDUSTRIAL

DANGER

POISON

CORROSIVE

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE:

2,2-Dibromo-3-nitrilopropionamide 97.6%

REGISTRATION NUMBER: 25895.01

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 22.7 Kg

MILLENNIUM TECHNOLOGIES LTD.

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PRECAUTIONS

DANGER

CAUSES SEVERE BURNS OF EYES

EYE CONTACT MAY CAUSE LOSS OF VISION

MAY BURN THE SKIN

MAY BE HARMFUL OR FATAL IF SWALLOWED

Do not get in eyes, on skin, or on clothing. Chemical worker's goggles must be worn when handling. Wash thoroughly after handling. Avoid breathing dust. Use with adequate ventilation.

FIRST AID

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a Physician.

In case of skin contact, immediately wash skin with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation persists.

If swallowed, immediately induce vomiting by giving two glasses of water and sticking finger down throat. Repeat until vomit is clear. Call a physician or poison control center. Never give any thing by mouth to an unconscious person.

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

DO NOT SHIP OR STORE WITH FOOD, FEEDS, DRUGS, OR CLOTHING

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

DIRECTIONS FOR USE

NOTE: Add MTL - Bioclear 2000 separately to the system. Do not mix them with other additives, in order to avoid decomposition of MTL - Bioclear 2000 due to the high PH of many additive formulations.

OIL FIELD APPLICATION

For reduction of bacterial contamination and degradation in oil recovery operations, add MTL - Bioclear 2000 to the system at a rate of 0.2 to 16 ppm.

FRACTURING FLUIDS

MTL - Bioclear 2000 reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas

well stimulations. MTL - Bioclear 2000 should be added to the water storage tanks before gelling and circulated to ensure mixing. MTL - Bioclear 2000 can be pre-dissolved in warm water and added at the well head for "on-the-fly" fracturing jobs. Use all predissolved liquid within 24 hours. Frequency and Dose: MTL - Bioclear 2000 should be added at a rate 5 to 16 ppm (5-16 gm/1000 L) depending on water quality. Retreat after 48 hours if the frac job is delayed.

ENHANCED OIL RECOVERY (EOR) FLUIDS MTL - Bioclear 2000 reduces bacteria contamination and degradation of OR polymers and gels. MTL - Bioclear 2000 should be added to injection water before Polymer addition. Frequency and Dose: MTL - Bioclear 2000 should be added at a rate of 0.2 to 16 ppm (0.2-16 gm/1000 L). Dry MTL - Bioclear 2000 should be added at a point to ensure proper dissolution and mixing.

WATERFLOOD

MTL - Bioclear 2000 can be used to control slime and corrosion causing bacteria in waters used for secondary oil and gas recovery. MTL - Bioclear 2000 can be added as a dry product or pre-dissolved in warm water. Use all pre-dissolved liquid within 24 hours. If the system is heavily fouled, slug treat at a higher rate to remove biofilm. For maintenance, batch treat two or three times per week. Frequency and Dose: MTL - Bioclear 2000 should be added at a rate of 0.2 to 16 ppm (0.2-16 gm/1000 L). Dry Bioclear 1000 should be added at a point to ensure proper dissolution and mixing.

STORAGE: Do not contaminate water, food, or feed by storage or disposal. To maintain product quality, store in a cool, dark place at temperatures below 35'C (95'F). Keep container tightly closed when not in use.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

DISPOSAL:

1. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
2. Make the empty container unsuitable for further use.
3. Dispose of the container in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product

and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

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