# **BRENNTAG T-397 Biocide**

## **SOLUTION**

#### FOR USE AS AN OIL FIELD BIOCIDE

#### **COMMERCIAL**

#### REGISTRATION NO. 28504 PEST CONTROL PRODUCTS ACT

### **DANGER**



**POISON** 



**FLAMMABLE** 



**CORROSIVE** 

#### READ THE LABEL BEFORE USING

NET CONTENTS: 20 L - 3,000 L

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#### PRECAUTIONS KEEP OUT OF REACH OF CHILDREN

**DANGER:** Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, chemical-resistant gloves, long pants, a long-sleeve shirt, and shoes and socks when handling. Harmful or fatal if swallowed. Avoid contamination of food.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds and 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 oil fields.

#### **FIRST AID**

**If swallowed**: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Avoid alcohol. 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 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 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.

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

#### **TOXICOLOGICAL INFORMATION**

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed. Treat symptomatically.

#### STORAGE AND HANDLING

Store drums in a sheltered area away from heat and cold. Use approved equipment for transport of drums to avoid puncturing or rupturing of container. Do not use air pressure to transfer.

#### **DISPOSAL / DECONTAMINATION**

**Returnable Containers**: Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer). For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in the case of a spill, and for clean-up of spills.

**Refillable Containers:** For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in the case of a spill, and for clean-up of spills.

#### **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 oil field 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 the site.

#### WELL COMPLETIONS, WORKOVER AND STIMULATION FLUIDS

For control of algae, slime forming and sulphate reducing bacteria, dosage levels of up to 1,000 ppm in normal situations and up to 2,000 ppm for severe contamination are suggested. In packer fluids, doses up to 200 ppm are recommended.

# PETROLEUM TRANSPORTATION AND STORAGE SYSTEMS, AND SURFACE EQUIPMENT

To control bacteria in crude oil pipelines, slug dose with up to six litres per centimeter 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.

#### NOTICE TO USER

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