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## **ECLIPSE 601 MICROBICIDE**

A solid form biocide for commercial use in oil and gas production wells, water-based cooling systems and metal working fluids

### **COMMERCIAL**

**GUARANTEE:** 2-BROMO-2-NITROPROPANE-1,3-DIOL ..... 84.5%  
(100 g active ingredient/stick)

**REGISTRATION NO. 21281.04      PEST CONTROL PRODUCTS ACT**



**DANGER – POISON**



**CORROSIVE TO EYES AND SKIN**

**POTENTIAL SKIN SENSITIZER**

**5 STICKS.      SALE OF INDIVIDUAL STICKS IS PROHIBITED.**

**READ THE LABEL BEFORE USING.**

**NET CONTENTS:** 590 g

### **CHEMCO PRODUCTS INCORPORATED**

1349 Grand Oaks Drive  
Howell, MI 48843 USA

**24-Hour Emergency Phone: 1 (800) 424-9300**

## **DIRECTIONS FOR USE**

INNER PACKAGE IS WATER SOLUBLE.

### **Metal Working Fluids**

Dose at 0.6 - 1.2 kg per 10000 litres of system volume. Expel product directly into sump at a convenient point.

### **Oilfield Applications**

Use 100 ppm active ingredient based on the water content of the system until control is achieved. Maintenance dosage: 10-25 ppm. In all applications, expel the product into the system in the areas specified below:

IN ALL CASES AVOID SKIN CONTACT. WEAR PROTECTIVE GLOVES.

### **Gas Wells**

Introduce through wellhead valving system, so product drops down tubing.

### **Oil Wells**

Drop down tubing when sucker rods are pulled.

### **Storage Tanks**

Drop through thief hatch.

### **Heat Exchangers, Cooling Towers, Condensers, Air Washers**

Pre-clean heavily fouled systems (e.g. with chlorine). Shock dosages of 100 ppm based on the water content of the system may be used until control is achieved. Maintenance dosage: 15-50 ppm. Expel the product directly into the sump of the system at a convenient point.

IN ALL CASES AVOID SKIN CONTACT. WEAR PROTECTIVE GLOVES.

Each stick contains 100 grams of active ingredient.

## **PRECAUTIONS**

KEEP OUT REACH OF CHILDREN.

Corrosive to eyes and skin.

Fatal if swallowed.

POTENTIAL SKIN SENSITIZER.

Do not swallow.

Do not inhale dust.

Do not get in eyes, on skin or on clothing.

Avoid contamination of food.

Wear chemical resistant gloves when handling the product.

Wear goggles or a face shield, chemical resistant gloves, long pants, a long sleeved shirt, shoes and socks during mixing/loading, clean up and repair.

Formaldehyde can be released during use of this product. It is recommended that this product not be used in circumstances that would result in formaldehyde air concentrations in the workplace exceeding the exposure levels established by occupation health and safety authorities in your jurisdiction. If values exceed this level, it is recommended that NIOSH approved respiratory protection be worn.

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothing/protective equipment immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing and required protective equipment prior to resuming your previous work activity.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Store away from:

- a) Oxidizing materials
- b) Heat and sources of ignition
- c) Food and food containers

Avoid contact with metals.

### **Spillage**

Immediately sweep up and remove, then clean the area with detergent and water.

## **ENVIRONMENTAL HAZARDS**

This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

## **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 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.

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

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

## **DISPOSAL**

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.

## **TOXICOLOGICAL INFORMATION**

This product may produce a sensitization response or allergic reaction in some individuals.

## **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. The user assumes the risk to persons or property that arises from any such use of this product.

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