

IH-BIO-1

A granular biocide for commercial use in oil and gas production and water based heat transfer systems.

COMMERCIAL

READ THE LABEL BEFORE USING

GUARANTEE: 2-BROMO-2-NITROPROPANE-1,3-DIOL - 98%

REGISTRATION NO: 30352 PEST CONTROL PRODUCTS ACT

NET CONTENTS 25 kg

DO NOT SELL WATER SOLUBLE PAKS SEPARATELY



**DANGER
POISON**

**CORROSIVE
TO EYES AND SKIN**

POTENTIAL SKIN SENSITIZER

DIRECTIONS FOR USE:

In all applications, cut or tear open the Outer bag to expel the IH-BIO-1 into the system in the areas specified below:

Paper Mills:

IH-BIO-1 should be used at 30-50 g per tonne of dry paper produced at least once per day

Oilfield Applications:

Use 100 ppm active ingredient based on the water content of the system until control is achieved. Maintenance dosage 10-25 ppm.

Oil Storage Tanks:

Cut or tear open the outer bag and drop IH-BIO-1 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. Cut or tear open the outer bag to expel the IH-BIO-1 directly into the sump of the system at a convenient point.

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 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.

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

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN

POTENTIAL SKIN SENSITIZER.

Severe eye and skin irritant. Avoid ingestions, inhalation and contact with skin, eyes and clothing. 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 occupational 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.

DISPOSAL:

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 case of a spill, and for clean up of spills. For small spills, recover solid.

DO NOT FLUSH INTO SURFACE STREAMS

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.

TOXICOLOGICAL INFORMATION:

The granular and concentrated solutions are irritants. This product may produce a sensitization response or allergic reaction in some individuals. Treat symptomatically.

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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