

31-MAR-2003

TETRA

BioRid™ 40

Sodium Bromide Solution

COMMERCIAL

FOR USE AS A DISINFECTANT, SANITIZER, SLIMICIDE,
BACTERICIDE AND ALGAECIDE
IN WATER TREATMENT APPLICATIONS.

GUARANTEE:

Sodium Bromide.....40.0%

RioRid™ is a water based, non-flammable product

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

WARNING

Prolonged eye and skin contact may cause severe irritation.

REGISTRATION NO. 27331 PEST CONTROL PRODUCTS ACT

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In case of emergency endangering life or property involving this product, please call
1-800-424-9300 - CHEMTREC (24 Hour Emergency Response).

Net contents _____ Litres

DIRECTIONS FOR USE

Rio Rid™ 40 is used as a disinfectant, sanitizer, bactericide, algaecide, and slimicide in re-circulating systems, commercial non potable water systems and pulp paper mills. It is to be used in conjunction with an oxidant such as sodium hypochlorite (12.5%) or chlorine gas (99.9%) to produce hypobromous acid. RioRid™ 40 may be added at system inlet water or metered into the

existing sodium hypochlorite piping to form a solution of sodium hypobromite. Consult your feeder manufacturer for correct procedure and proper use of the feeder equipment.

RE-CIRCULATING COOLING WATER SYSTEMS INCLUDING AIR WASHERS:

When used as directed, Bio-Rid™ 40 effectively controls bacteria, fungi, algae, slimes, and growth and settlement of mollusks such as zebra mussels (*Dreissena*) and Asiatic clams (*Corbicula*) in commercial and industrial cooling towers, heat exchange systems, industrial scrubbing systems, air wash water systems, commercial non-potable water systems. Note: For use only in industrial air washer systems that maintain effective mist eliminating components.

PULP AND PAPER APPLICATIONS:

For use to control algal, **bacterial**, and fungal slime **in** pulp and paper mill fresh and sea water influent water systems, cooling water systems, and **other** process water. For use in the manufacture of paper and paperboard that is intended only for non-food contact purposes.

Dosage Rates:

Badly fouled systems must be cleaned before initial treatment.

Initial Dose: When noticeably fouled, apply sufficient BioRid™ 40 and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 ppm - 5.0 ppm. A ratio of 0.125 - 2.0 moles of sodium bromide per mole of oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 192-3175g of chlorine gas (99.9%) or 1.3 - 21L of sodium hypochlorite (12.5%) for each litre of BioRid™ 40.

Subsequent Dose: When microbial control is evident, apply sufficient BioRid™ 40 and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 - 1.0 ppm. A ratio of 0.125 - 2.0 moles of sodium bromide per mole of oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 192-3175g of chlorine gas (99.9%) or 1.3 - 21L of sodium hypochlorite (12.5%) for each litre of BioRid™ 40.

Dosage Rates:

Badly fouled systems must be cleaned before initial treatment.

Initial Dose: When the system is noticeably fouled, apply sufficient BioRid™ 40 and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 ppm - 5.0 ppm. A ratio of 0.5 - 2.0 moles of sodium bromide per mole of oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 220 to 920g of chlorine gas (99.9%) or 1.5 - 6.2L of sodium hypochlorite (12.5%) for each litre of BioRid™ 40.

Subsequent Dose: When microbial control is evident, apply sufficient BioRid™ 40 and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 - 1.0 ppm. A ratio of 0.5 - 2.0 moles of sodium bromide per mole of oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 220 to 920g of chlorine gas (99.9%) or 1.5 - 6.2L of sodium hypochlorite (12.5%) for each litre of BioRid™ 40.

This product may be added to the system either continuously, intermittently or as needed to maintain the recommended residue bromine level. The frequency of feeding and duration of the

treatment will depend on the severity of the problem.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Prolonged eye and skin contact may cause severe irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters or sewer systems. BioRid™ 40 is not flammable. Avoid contact with strong oxidizers (other than sodium hypochlorite and chlorine), acids alkaloidal and heavy metal salts.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

FIRST AID:

FOR CONTACT WITH EYES: Flush eyes with plenty of water for 15 minute.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. Take container, label or product name and Pest Control Registration Number with you when seeking medical attention.

IF SWALLOWED: Call a physician or Poison Control Centre IMMEDIATELY. Drink 1 or 2 glasses of milk and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

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

STORAGE:

Store drums in a well ventilated, dry area. Product should be stored at 10°C or above. Do not contaminate water, food or feed by storage or disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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.

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.

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