

2015-0036
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NALCON 7634 MICROBIOCIDES

A microbiocide for use in controlling bacteria including slime-forming bacteria, sulfate-reducing bacteria, fungi, yeast and algae in paper mills and paper mill process water systems, pigments and filler slurries for paper and paperboard, waterbased coatings for paper and paper board, air washers and industrial scrubbing systems, recirculating cooling and process water systems, heat transfer systems, aqueous metal working fluids, water based conveyor lubricants, and for use by manufacturers as a preservative in industrial and consumer processes and products.

SOLUTION
COMMERCIAL
DANGER

CORROSIVE

POISON

READ THE LABEL BEFORE USING

REGISTRATION NO.: 23074
PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

GUARANTEE:
Glutaraldehyde50.00%

Net Contents:

Nalco Canada ULC
1055 Truman St. P.O. Box 5002
Burlington, Ontario
L7R 3Y9
TEL: (905) 632-8791
PHONE IN CASE OF EMERGENCY:
CANADA 1-800-463-3216 (24 HOURS)
CANUTEC: 1-613-996-6666 (24 HOURS)

DIRECTIONS FOR USE:

DO NOT open pour more than 20 L of concentrate per day. Use an automatic addition system if using more than 20 L of concentrate per day. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

PAPER MILLS AND PAPER MILLS PROCESS WATER SYSTEMS

Nalcon 7634 should be added to a paper making system at a point of uniform mixing such as a head box, beaters, broke chest, save-all tank, or white-water tank.

Initial treatment: When the system is noticeably contaminated, add 0.25 - 1.5 kg of Nalcon 7634 per metric tonne of pulp or paper (dry basis) as a slug dose. Repeat until control is achieved. Heavily fouled systems should be boiled out prior to initial treatment.

Subsequent dose: When microbial control is evident, add 0.15 -1.0 kg of Nalcon 7634 per metric tonne of pulp on paper (dry basis) as a slug dose as necessary to maintain control.

NOTE: this product is not to be used in the production of paper, paperboard or any food packaging materials that comes in contact with food.

GENERAL PRESERVATIVE

Nalcon 7634 is recommended for use in aqueous or water containing products and systems, including industrial, institutional and consumer pesticide products, in-can processes and products, to control the growth of bacteria and fungi. For effective preservation, add Nalcon 7634 to the product formulation at a rate of 200 to 2000 ppm based on the water content of the product (0.2 to 2.0 g Nalcon 7634/kg water content). Mix uniformly. The maximum application rate for in-can preservative in which paints may be applied in a residential setting is 100 ppm. When used in diluted spray, full personal protective equipment is required.

PIGMENTS AND FILLER SLURRIES FOR PAPER AND PAPER BOARD

Use from 0.1 to 0.6 grams of Nalcon 7634 per Kg dry powder to produce a concentration of 100 to 600 ppm as product (based on slurry solids) in the mixed slurry.

WATER BASED COATINGS

Note: For use in non-food contact coatings only.

Use from 0.1 to 0.6 grams of Nalcon 7634 per Kg dry powder to produce a concentration of 100 to 600 ppm as product (based on slurry solids) in the mixed slurry. When used as an in-can preservative in which paints may be applied in a residential setting, the maximum application rate for paints is 100 ppm.

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems that have mist-eliminating components. Nalcon 7634 should be added at the application rates described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently (Slug Dose) or continuously. Badly fouled systems can be shock treated with Nalcon 7634. Under these conditions, blowdown should be discontinued for up to 24 hours or more. Nalcon 7634

can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems.

INTERMITTENT (SLUG DOSE) METHOD

Badly fouled systems must be cleaned before treatment is begun.

Initial Dose: When the system is noticeably fouled, apply 100 to 400 ppm of Nalcon 7634 or 100 to 400 mL of Nalcon 7634 per 1000 Litres of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 30 to 100 ppm of Nalcon 7634 or 30 mL to 100 mL of Nalcon 7634 per 1000 Litres of water in the system weekly, or as needed to maintain control.

CONTINUOUS FEED METHOD

Badly fouled systems must be cleaned before treatment is begun.

Initial Dose: When the system is noticeably fouled, apply 100 to 400 ppm of Nalcon 7634 or 100 to 400 mL of Nalcon 7634 per 1000 Litres of water in the system.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 14 to 300 ppm of Nalcon 7634 or 14 mL to 300 mL of Nalcon 7634 per 1000 Litres of water in the system per day.

HEAT TRANSFER SYSTEMS (Evaporative Condensers, Hydrostatic Sterilizers and Retorts, and Warmers and Once-Through Cooling Water Systems)

Do not use where food contact might happen.

Nalcon 7634 should be used at the same application rates, and in the same manner as described for Air Washers. It should be added to the system at a point of uniform mixing such as a basin area, sump area or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

AQUEOUS METALWORKING FLUIDS

Nalcon 7634 should be added to a metalworking fluid system at a point of uniform mixing such as the fluid collection tank. Additions may be made intermittently (SLUG DOSE) at intervals of one week or less.

Initial Dose: When the system is noticeably fouled, apply 1.8 to 5.4 Liters of Nalcon 7634 per 10,000 Litres of metalworking fluid to the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.7 to 3.6 Liters of Nalcon 7634 per 10,000 Litres of metalworking fluid to the system weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

WATER BASED CONVEYOR LUBRICANTS

Avoid contamination of food in application of product.

Thoroughly clean all tracks and conveyors to remove gross soil. Rinse well. Use an automatic feed system as recommended by our Nalco representative to provide 100 to 600 mL (50 to 300 ppm active) Nalcon 7634 per 1000 Liters of diluted lubricant.

PRECAUTIONS:

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid breathing vapour. May be fatal if swallowed. Do not swallow. May cause allergic skin reaction. Causes asthmatic signs and symptoms in hyper-reactive individuals. , . Use only in well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge) may be required. This product in its undiluted form must not be used in a spray or aerosol application.

Wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks, chemical-resistant footwear with goggles and face shield during mixing, loading, application, clean-up and repair. Wash thoroughly with soap and water after handling. Remove contaminated clothing and shoes and wash them before reuse.

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. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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.

TOXICOLOGICAL INFORMATION:

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

ENVIRONMENTAL HAZARDS:

Toxic to aquatic organisms.

DISPOSAL:

Porta-Feed System: 1. Close valve. 2. Arrange for return of Porta-Feed.

For Other Containers: 1. Triple-or pressure-rinse the empty container. Add the rinsings to the treatment site 2. Follow provincial instructions 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.

STORAGE AND HANDLING:

Nalcon 7634 solutions are corrosive to many commonly used materials such as steel, galvanized irons, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -21 °C therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is required, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 38 °C can be tolerated but the preferred maximum storage temperature is about 27°C.

A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with Teflon is suitable for gasket and packing.

To prevent contamination store this product away from food or feed.

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.

Lot No.:

TDG Shipping Name:, TOXIC, N.O.S.
(GLUTARALDEHYDE), Class 8 (6.1), UN2922, PGII

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