

NALCO 2838

WATER TREATMENT MICROBIOCIDE SOLUTION

A microbiocide for use in controlling slime forming bacteria, sulphite reducing bacteria, and algae in air washer systems, and in recirculating water cooling towers and systems, including pasteurizer cooling water systems, and industrial closed recirculating process water systems.

COMMERCIAL DANGER

CORROSIVE

READ LABEL BEFORE USING

REGISTRATION NO.: 24189
PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

GUARANTEE:
Glutaraldehyde 15.00%

Net Contents: kg

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.

AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components. Nalco 2838 Water Treatment Microbiocide 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. Additions may be made intermittently (slug dose) or continuously. Badly fouled systems can be shock treated with Nalco 2838 Water Treatment Microbiocide. Under these conditions, blowdown should be discontinued for up to 24 hours.

INTERMITTENT (SLUG DOSE) METHOD

Initial Doses: When the system is noticeably fouled apply 1600 mL – 3200 mL of Nalco 2838 Water Treatment Microbiocide per 5000 litres of water in the system. Repeat until control is achieved. **Subsequent Doses:** When microbial control is evident, add 640 mL – 1600 mL of Nalco 2838 Water Treatment Microbiocide per 5000 litres of water to the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, apply 1600 mL - 3200 mL of Nalco 2838 Water Treatment Microbiocide per 5000 litres of water in the system. **Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 320 mL - 1600 mL of Nalco 2838 Water Treatment Microbiocide per 5000 litres of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

PASTEURIZER COOLING WATER SYSTEMS

AVOID CONTAMINATION OF FOOD IN THE APPLICATION OF PRODUCT

Nalco 2838 Water Treatment Microbiocide should be used at the same application rates, and in the same manner as described above. It should be added to the closed recirculating system at a convenient 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 pasteurizer cooling system.

PRECAUTIONS:

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled. Harmful if swallowed. May cause allergic skin reaction. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes, on skin, on clothing. Avoid breathing vapour. Do not swallow. Wear goggles, protective clothing, and rubber gloves. Wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks, chemical-resistant footwear, and eye protection during mixing, loading, application, clean-up and repair. Wash thoroughly with soap and water after handling. Use only in well ventilated area. 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:

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

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:

Nalco 2838 Water Treatment Microbiocide is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. It can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -6.5°C . Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, 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 gaskets and packing.

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

ENVIRONMENTAL HAZARDS:

Toxic to aquatic organisms.

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: CORROSIVE, LIQUID, ACIDIC, ORGANIC, N.O.S. (Glutaraldehyde), CLASS 8, UN3265, PG III

12/09

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.