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## MICROCIDE L-641

**Liquid biocide for water cooling systems to control microbial growth**

ACTIVE INGREDIENT: 2-Bromo-2-Nitropropane-1,3-Diol 10% by weight

Registration No: 32280, Pest Control Products Act



Caution

Poison

Corrosive Potential Skin Sensitizer

Pace Solutions Corp.  
#142 – 766 Cliveden Pl  
Delta, BC, Canada  
V3M 6C7

(604) 520-6211  
(800) 799-6211  
[www.pacesolutions.com](http://www.pacesolutions.com)

Transportation Emergencies:  
Canutec: (613) 996-6666  
Emergency Response Services:  
Chemtrec: (800) 424-9300

Net Contents: xxx L; Lot: xxxxxx

Product of Canada

Read the label before using. For commercial and industrial use only.

**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.

**Microcide L-641** is used to control algae, bacteria and fungi in recirculating commercial and industrial cooling towers.

**Directions for Use:** Prior to the use of MICROCID L-641 in cooling towers, systems should be cleaned to remove heavy algae growth, microbiological slime and other deposits. Make an initial slug treatment of 1 litre per 1000 litres of water (100 PPM of active ingredient). Add MICROCID L-641 to the sump every 1 to 3 days depending upon the severity of biological

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growth at a rate of 1 litre per 4000 litres of water (25 PPM of active ingredient).

Do not add through the same feeding equipment used for other water treatment products (slug feed separately to sump of cooling tower).

Not intended for use in potable water systems.

**Precautions:** Keep out of reach of children. Potential skin sensitizer. Corrosive to eyes and skin. Harmful if swallowed. Avoid ingestion, inhalation, and contact with skin, eyes and clothing. Wear goggles or face shield, chemical resistant gloves, long pants and 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. Do not apply by open pouring of the liquid to cooling water systems; a metering pump is required for this use.

Do not mix with any other chemicals. Store away from oxidizing materials, heat and sources of ignition. Store away from food and food containers.

**First Aid:** In case of eyes contact, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present and, after the first 5 minutes, continue rinsing eye. Call a poison control centre or doctor for treatment advice.

In case of skin contact 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.

In case of ingestion, call a control poison centre or doctor immediately 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 registration number with you when seeking medical attention.

Toxicological Information: The concentrated solution is corrosive/irritant/potential skin sensitizer. Treat symptomatically.

**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.

**Disposal:** 1. Triple or pressure-rinse the empty container. Add the rinsing to the treatment site. 2. Follow provincial instructions for any additional cleaning of the container prior to its disposal. 3.

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Make the container unsuitable for further use. 4. Dispose the container in accordance with provincial requirements. 5. For information on the disposal of unused, unwanted product, in case of a spill or spill clean-up contact the manufacturer or the provincial regulatory agency.