

2013-5841 2014-01-20

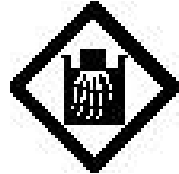
ADVANCE 12-A

COMMERCIAL

Solution

REGISTRATION No.: 31249
PEST CONTROL PRODUCTS ACT

WARNING



CORROSIVE

GUARANTEE: Available chlorine, present as sodium hypochlorite.....10.3%

READ LABEL BEFORE USING

ADVANCES CHEMICALS LTD

2023 Kingsway Avenue

Port Coquitlam, BC

V3C 1S9

1-800-387-7503

Net Content / Contenu Net:

4L, 20L, 114L, 205L, 210L, 1135L, 1200L, 1230L

**DIRECTIONS FOR USE:
FOR USE AS A BIOCIDES IN OPEN RECIRCULATING COOLING WATER SYSTEM**

Dosages and method of application of **Advance 12-A** will depend on the type of equipment to be treated and the type and quantity of microbiological life involved. When the system is notably fouled, add 60 to 120 mg/L of **Advance 12-A** in the system to achieve 7.5 to 15.0 mg/L available chlorine by weight. Repeat until control is achieved. Continuing Dose microbial control is evident, apply 0.03 to 0.06 Kg/1000 L of **Advance 12-A** in the system to achieve 3.25 – 7.50 mg/L available chlorine by weight. Apply treatment weekly or as needed to maintain control. Slug additions should be made to cooling tower basin or sump, or at an alternate point which provides good mixing.

FOR SWIMMING POOLS

1. Maintain recommended daily levels as determined by testing kit.
 - Free available chlorine: 1.0-3.0 mg/L
 - pH: 7.2-7.8
 - Total alkalinity: 100-120 mg/L
 - Calcium hardness: 200-300 mg/L
2. Initially super chlorinate pool water by adding to the pool 1 L of **Advance 12-A** per 10,000 L of pool water. For best results superchlorinate at dusk.
3. Chlorinate daily to maintain proper chlorine residual with 250 mL of **Advance 12-A** per 10,000 L of pool water, or as needed. **NOTE:** Hot weather, heavy pool usage, and rain may require higher usage rates to maintain proper chlorine residuals.
4. Superchlorinate weekly with 1L of **Advance 12-A** per 10,000L of pool water when average daily temperature is 25 C - 32 C. Otherwise, superchlorinate every other week.
5. For visible algae, superchlorinate using 2L of **Advance 12-A** per 10,000L of pool water. Heavy algae infestation may require dosages up to 3L per 10,000L. Vacuum pool when dead algae settles.
6. For wading pools, chlorinate daily to maintain a chlorine residual of 3-5 mg/L by adding 45 mL of **Advance 12-A** per 1000L pool water, or as needed. **NOTE:** For outdoor pools, chlorine residuals can be protected from destruction by sun's rays by addition of stabilizer (cyanuric acid).

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 swallowed, call a poison control centre or doctor immediately for treatment advice. Have the 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.

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.

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

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Highly corrosive. Skin or eye contact will cause severe irritation and possibly burns. Inhalation of mists or fumes can cause severe irritation of the respiratory tract. Wear goggles or a face shield, chemical-resistant gloves, long pants, a long-sleeved shirt, shoes, and socks when handling this product. Avoid contact with skin, eyes and clothing. Avoid breathing vapour or mist; use with adequate ventilation. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse. **Do not mix with acids because dangerous chlorine gas will be released.** Do not use in products containing alcohols, ammonia, amines glycols, nitrates, esters, ketones, or other oxidizable compounds.

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.

STORAGE

Store in a cool, dry, well-ventilated place. Keep container tightly closed and away from incompatible materials. Venting of containers is advisable.

DISPOSAL:

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 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 the clean-up of spills.

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.

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.