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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 42556-5	DATE OF ISSUANCE <b>APR 29 1986</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Delta A-820	

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
 (Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

┌ Delta Chemical & Services, Inc. ┐  
 13910 NW. 19th Avenue  
 Opa Locka, FL 33054  
 └ ───────────────────────────────────┘

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration No. 42556-5."
  - b. The statement Active Ingredients should be singular.
  - c. Delete the statement: General Classification.
  - d. Revise referral statement to read:

See side panel for additional precautionary statements.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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- e. Revise the statement:

Practical Treatment (FIRST AID)

to read:

Statement of Practical Treatment.

- f. Revise the Environmental Hazard statement to read:

Environmental Hazards

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

- g. Revise the statement:

May be fatal if swallowed

to read:

Harmful or fatal if swallowed.

- h. The Storage and Disposal statements are unacceptable for the container sizes you propose. Refer to FR Notice 83-3 for acceptable statements.
- i. Use the full product name throughout the label: Delta A-820.
- j. The Agency questions your claims that sulfate-reducing and heterotrophic bacteria are a concern in recirculating cooling towers.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

4. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosures

**A-820** is recommended to control the growth of green algae (Chlorella, Scenedesmus), blue-green algae (Phormidium, Anabaena), anaerobic sulfate-reducing bacteria (Desulfovibrio) and aerobic heterotrophic bacteria (Bacillus sp., Pseudomonas sp.) in recirculating water cooling systems, evaporative condensers.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS**

**DANGER**

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Remove and wash contaminated clothing before reuse.

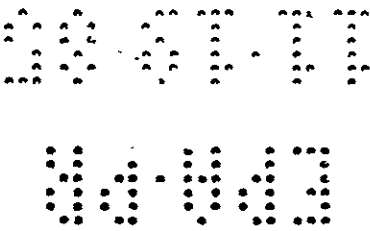
**ENVIRONMENTAL HAZARDS:**  
A-820 is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES Permit. For guidance, contact the regional office of EPA.

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

A-820 may be metered, pumped, gravity fed or poured from a suitable container into the treatment system. Centrifugal, injection, piston or diaphragm pumps are satisfactory. Algicide feed pumps, meters and feed lines may be stainless steel, neoprene, glass, plastic, or unpigmented fiberglass.

**RECIRCULATING WATER COOLING TOWERS:**  
Initial Treatment: To a visually clean system or when algae or slime is first visible, to pump water near pump junction, add 25 to 30 ounces of **A-820** for each 1,000 gallons of water (95 to 390) in the system. Repeat initial dose at day intervals until algae and slime control is evident. Badly fouled systems should be cleaned before initiating treatment.



**DELTA A-820**

Controls algae slime growth on recirculating water cooling towers and evaporative condensers.

**ACTIVE INGREDIENTS:**  
Alkyl (C<sub>14</sub>, 58%; C<sub>16</sub>, 28%; C<sub>12</sub>, 14%) dimethyl benzyl ammonium chloride: ..... 20%

**INERT INGREDIENTS:** ..... 80%

**TOTAL INGREDIENTS:** ..... 100%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PRACTICAL TREATMENT (FIRST AID):** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid Alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by cautious intravenous injection of a short-acting barbiturate drug.

SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL

**NOT FOR USE OR STORAGE  
AROUND THE HOME ENVIRONMENT**

**FOR COMMERCIAL AND INDUSTRIAL USE ONLY**

EPA Reg. No. 42556 EPA Est. No. 42556-FL-1

Manufactured by: Net Contents:  
Delta Chemical & Service, Inc.  
13910 NW 19 Avenue  
Opa Locka, FL 33054

**Maintenance Treatments:** Tional dosages must be added. Growth can only be determined. System will vary in water and types of microorganism.

A treatment of this algicide when algae or slime first control growth of green control slime bacteria, a week or once every two 1,000 gallons of water 150 dosages. More frequent some towers.

**Feedings:** A-820 may be diluted with water and fed. Dose directly into the location providing good dis

**STORAGE AND DISPOSURE:** closed, original container children and away from fo

Do not reuse empty conta discarding in trash.

ACCEPTED  
with COMMENT  
by EPA Letter D...

APR 29 1986

Under the authority of the Administrator, Region 4, the following information is being provided for the public under EPA R...  
42556