



6836-351

2/12/2013

17

 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510P) 1200 Pennsylvania Avenue NW Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 6836-351	Date of Issuance: FEB 12 2013
	Term of Issuance: Conditional	
	Name of Pesticide Product: Barquat SRB-19	
Name and Address of Registrant (include ZIP Code): Lonza Inc. 90 Boroline Road Allendale, NJ 07401		
<p><small>Note: Changes in labeling 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 EPA registration number.</small></p>		
<p>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.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.</p> <p>This product (OPP Decision No. D-466814) is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Revise the "EPA Registration Symbol to read, "EPA Reg. No." 6836-351 		
Signature of Approving Official:  Velma Noble Product Manager Team-31 Regulatory Management Branch Antimicrobials Division (7510P)	Date: FEB 12 2013	

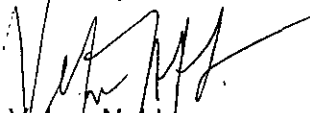
3. The product chemistry requirements are satisfied. See enclosed product chemistry review dated 8/1/2012.

4. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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. Should you have any questions regarding this letter, please contact.

Sincerely,



Verma Noble
Product Manager (31)
Regulatory Management Branch
Antimicrobials Division (7510P)

Enclosure: stamped label, product chemistry review dated 8/1/2012

Note to Reviewer:
[Items in brackets [AAA] are optional and may/may not be included on final label]
{Items in braces {AAA} are for information purposes and will not appear on final label}

BARQUAT™ SRB-19

A solid form microbiocide for use in controlling the growth of sulfate reducing and slime forming bacteria in oil and gas applications.

Active Ingredient:	
n-Alkyl (C ₁₄ -95%, C ₁₂ -3%, C ₁₆ -2%) Dimethyl Benzyl Ammonium Chloride Dihydrate	28.41%
Inert Ingredients	71.59%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

{Note to reviewer: Although this product has a "Danger" signal word, as per the EPA label review manual "The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement, "See First Aid (or Statement of Practical Treatment) on (identify appropriate panel)" appears on the front panel." If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will not be used;}

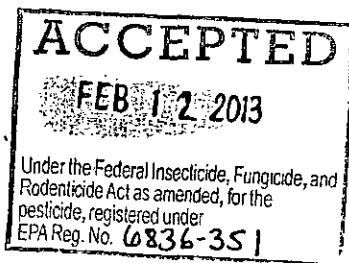
See [left] [side] [right] [back] panel for Precautionary Statements and First Aid

EPA Reg. No. 6836-GLR
EPA Est. No. (as marked on the container)
NET WEIGHT (as marked on container)

[DOT Symbols]
[Country of origin (insert country)]
[Manufactured in (insert country)]
[Barcode]

Lonza Inc.
90 Boroline Road
Allendale, NJ 07401

Emergency Contact Number: (_____)



4/7

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

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber or chemical resistant) gloves. Harmful if swallowed and / or if absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing 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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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 center or doctor for further treatment advice.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. [If you do not understand the label, find someone to explain it to you in detail.]*

DIRECTIONS FOR USE:

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

Barquat SRB-19 is typically used at 100 ppm active ingredient. For each application area, the dose can vary from 25 – 1,000 ppm as active depending upon the application and location of stick addition, which is equivalent to approximately 1 stick per 4 – 143 bbl of a 20% water/80% oil mixture.

Oil and Gas Applications:

In general, use a weekly shock dose of one stick per 30 - 300 gallons based on the water content of the system until control is achieved. Thereafter, use a maintenance dose, once or twice weekly of one stick per 400 – 1,200 gallons.

- In Gas Wells: apply through the wellhead valving system so product drops down tubing.
- In Oil Wells: drop product down tubing when suckers rods are pulled.
- In Storage Tanks: drop through the thief hatch.

Re-treat with a weekly shock dose if re-contamination is observed.

Oil Field Water Flood or Salt Water Disposal Systems and Fracturing Fluids: Do not apply in Marine or Estuarine Oil Fields!

{Note to Reviewer regarding Salt Water Disposal Systems: Produced water is often moderate to high salt content and can be disposed of in underground injection wells in on-shore applications.}

For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 1 stick of **BARQUAT SRB-19** per 30 – 1,200 gal of water [114 – 4,556 L], or 25 – 1,000 ppm active. Add directly to the fracturing fluid tank or at a point of uniform mixing. Levels for effective control will vary depending on conditions at the site.

Product is added on an intermittent basis depending on the degree of system fouling.

Oil Field Injection and Waste Water

Batch Treatment: Add 1 stick of **BARQUAT SRB-19** per 30 – 300 gal [30 – 1,139 L of water], or 100 – 1,000 ppm active, when the system is noticeably fouled. When microbial control is evident, add 1 stick of **BARQUAT SRB-19** per 400 – 1,200 gal of water [1,519 – 4,560 L of water], or 25 – 75 ppm active, as needed.

Oil and Gas Production and Transmission Pipelines and Systems

Batch Treatment: Add 1 stick of **BARQUAT SRB-19** per 30 – 300 gal [30 – 1,139 L of water], or 100 – 1,000 ppm active, when the system is noticeably fouled. When microbial control is evident, add 1 stick of **BARQUAT SRB-19** per 400 – 1,200 gal of water [1,519 – 4,560 L of water], or 25 – 75 ppm active, as needed.

Pipeline Pigging and Scraping Operations

Add this product to a slug of water immediately following the scraper (keep the water volume to a minimum and contained between the scraper and the following pig). Add an effective amount of sticks in order to produce 25 – 1,000 ppm active in the fluid depending on the length of the pipeline and the severity of the biofouling.

Completion and Workover Fluids Systems

Add sticks of **BARQUAT SRB-19** to the fluid system at a point of uniform mixing such as circulating mud tank.

Initial Dose: Add a sufficient number of sticks to obtain 100 - 1,000 ppm [active] **BARQUAT SRB-19** to a freshly prepared fluid.

Maintenance Dose: Add additional sticks to obtain 25 – 100 ppm **BARQUAT SRB-19** to maintain control.

Packer Fluids

Add to a packer fluid at a point of uniform mixing such as a circulating holding tank at a rate of 4 – 140 sticks per 100 barrels of water [4200 gallons] [15,960 L], or 25 – 1,000 ppm active, in the freshly prepared fluid depending on the severity of contamination. Seal the fresh packer fluid in the wall between the casing and the production tube.

Hydrotesting

Treat water with **BARQUAT SRB-19** sticks in a storage tank or at a point of uniform mixing for hydrotest pipelines or vessels at 25 — 1,000 ppm active depending on the water quality and length of time the equipment will remain idle.

{Note to reviewer: Each stick has a water soluble cover and is placed in a heat-sealed, non-refillable polyethylene sleeve. The sleeves are placed within a lined fiber drum. Disposal language for the sleeve appears on the sleeve label.}

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Open dumping is prohibited. Store in original container in areas inaccessible to persons unfamiliar with its use.

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

Nonrefillable container. Do not reuse or refill this container. Dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

7/7

{SLEEVE LABEL TO BE USED WITH MASTER CONTAINER LABEL}

{Note to reviewer: In accordance with PR Notice 94-8, Section II.4, this integrally sealed sleeve bears the following labeling. The sleeve, containing a single stick, is not opened until the time of use.}

BARQUAT™ SRB-19

Active Ingredient:

n-Alkyl (C ₁₄ -95%, C ₁₂ -3%, C ₁₆ -2%) Dimethyl Benzyl Ammonium Chloride Dihydrate	28.41%
Inert Ingredients	71.59%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

See outer container for Precautionary Statements and Use directions.

Disposal: Nonrefillable container. Do not reuse sleeve. Wrap and put in trash.

EPA Reg. No. 6836-XXX

EPA Est. No. (as marked on the container)

NET WEIGHT (as marked on container)

Lonza Inc.
90 Boroline Road
Allendale, NJ 07401