

6836-323

2/11/2009

1 of 1



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

FEB 11 2009

Ms. Georgia Anastasiou
Agent for Lonza, Inc
Lewis & Harrison
122 C Street, NW
Suite 740
Washington, DC 20001

Subject: Carboserve
EPA Registration No.: 6836-323
Amendment Date: November 3, 2008
EPA Receipt Date: November 13, 2008

Dear Ms. Anastasiou,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with conditions.

- Update Storage and Disposal Instructions per Container Rule
- Add use site, Wipes

Conditions

Revise the label as follows:

The containers described in the refillable container of one gallon or less do not meet the definition of refillable containers as per definitions #9 and #10 at <http://www.epa.gov/pesticides/regulating/containerquestions.htm> and must be deleted.

In accordance with PR Notice 2007-4 the Agency defines refillable as:

“Refillable container” means a container that is intended to be filled with pesticide more than once for sale or distribution. The registrant determines whether a container is intended to be refilled for sale or distribution (in which case it is a refillable container) or if it is not intended to be refilled for sale or distribution (in which case it is a non refillable container) and implements its decision by labeling the container appropriately. This decision also would impact packaging design, packaging material, and distribution and marketing plans.

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When resubmitting this action to the Agency, please consider whether your containers meet our definition of refillable. If it is not your intention for this product to be marketed in containers which are returned to the distributor for refill and resale, then delete the refillable container sections of your Storage and Disposal statements.

General Comments

A stamped copy of the accepted labeling with conditions is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416 or Velma Noble at (703) 308-6233.

Sincerely,



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

Enclosure: Stamped Label

CONCURRENCES

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CARBOSERVE

**PRESERVATIVE
FOR USE IN OIL FIELD WATER
FLOOD SYSTEMS, METAL WORKING FLUIDS INDUSTRIAL AND CONSUMER PRODUCTS**

Active Ingredients:	
Didecyl dimethyl ammonium carbonate and Didecyl dimethyl ammonium bicarbonate.....	50.0%
Other Ingredients:.....	50.0%
Total:	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

EPA Registration No. 6836-323
EPA Establishment No. 6836-IL-01
Net Weight (As marked on container)

Emergency Contact Number: (_____)

Manufactured by:
Lonza Inc.
90 Boroline Road
Allendale, NJ 07401

ACCEPTED
with **COMMENTS**
in EPA Letter Dated:
FEB 11 2009
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No
6836-323

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

DANGER! CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if swallowed or inhaled. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Harmful if absorbed through skin. Wear protective eyewear (goggles or face shield), protective clothing and protective (rubber or chemical resistant) gloves. Wear a respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-TC14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

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 person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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.

**PHYSICAL OR CHEMICAL HAZARDS
DO NOT USE OR STORE NEAR HEAT OR FLAME!**

DIRECTIONS FOR USE

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

OIL FIELD WATER FLOOD SYSTEMS

For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 1.5 to 3.0 gallons of **CARBOSERVE** per 3000 barrels of water (5-10 ppm a.i.) continuously. Levels for effective control will vary depending on conditions at the site.

Product addition must be made with a metering pump. This product must be applied where it will dispense most rapidly and uniformly to the desired area of treatment. Product must be slug fed then fed continuously or on an intermittent basis depending on the degree of system fouling.

Heavily fouled system must be precleaned.

Slug: Apply 1.5 to 6.0 gallons of **CARBOSERVE** per 3000 barrels (5 - 20 ppm a.i.) of water for 4 - 8 hours per day until desired level of control is achieved. To maintain the system in an acceptable manner, utilize a continuous treatment with **CARBOSERVE** or apply intermittent doses.

Intermittent Feed: The frequency of intermittent doses will vary with individual systems. Apply 1.5 to 6.0 gallons of **CARBOSERVE** per 3000 barrels (5 - 20 ppm a.i.) of water for 4 - 8 hours per day, one to four times a week as needed to maintain control.

Continuous Feed: Fouled systems must be slug treated to get initial control, followed by continuous treatment to maintain control. Apply 1.5 to 3.0 gallons of **CARBOSERVE** per 3000 barrels of water (5 - 10 ppm a.i.) continuously.

CARBOSERVE weighs 8.00 lbs./gallon (at 20°C).

METALWORKING FLUIDS

To inhibit bacterial and fungal growth add an initial dose of 500 - 2500 ppm a.i. (1.0 to 5.0 lbs. per 1,000 lbs.) of **CARBOSERVE** to the fluid to be preserved and subsequent maintenance doses of 500 - 2500 ppm a.i. every 7 - 10 days or as needed. This product may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir, the fluid should be circulated after addition to ensure mixing. Contaminated fluid systems should be cleaned prior to the initial addition of this product. Drain the system, clean with a cleaner designed for this purpose, rinse with water and refill with fresh fluid containing this product (up to 2500 ppm a.i.). Frequent checks (at least once a week) of the bacterial and fungal population in the system should be made using standard microbiological plate count procedures or any of the commercial "dip-stick" type devices. When the bacterial count reaches 10^7 and/or the fungal count reaches 10^3 organisms per ml, add additional product according to the above directions. If this does not reduce the bacterial and/or fungal count below the above value in 12 - 24 hours, the fluid should be discarded and replaced after cleaning the system. Add this product to the fresh fluid according to the above directions. When adding fresh, diluted fluid to compensate for dragout or other losses, add this product to make-up fluid according to the above directions. **CARBOSERVE** may also be incorporated by the manufacturer of the fluid concentrate so as to achieve a concentration of 500-2500 ppm of active ingredients in the diluted fluid. The exact amount of **CARBOSERVE** to be incorporated will depend on the dilution factor recommended to be used when the concentrate is diluted for use.

INDUSTRIAL AND CONSUMER PRODUCTS

CARBOSERVE preserves and aids in the control of the growth of bacteria and fungi in Paints; Petroleum Products; Decorative Coatings; Cleaning Products; Cleaning, Sanitizing, and Disinfecting Wipes for use on hard non-porous, surfaces; and Related Products packaged in Aerosol Cans.

CARBOSERVE is to be used during the formulation or manufacture of the above products. For aerosol cans, petroleum products, cleaning products, and cleaning, sanitizing, and disinfecting wipes for use on hard non-porous, surfaces, add **CARBOSERVE** to the formulation to be preserved at a rate of 1.0 to 5.0 lbs. per 1,000 lbs (500 – 2500 ppm a.i.) For paints and decorative coatings, add **CARBOSERVE** to the formulation to be preserved at a rate of 0.2 to 1.0 lb per 1000 lbs (100-500 ppm a.i.).

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(Note to reviewer: For Nonrefillable Containers)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Do not store on side. Avoid creasing or impacting of side walls.

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. Clean container promptly after emptying. Then offer for recycling if available or puncture and dispose in sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. If not tripled rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

(Note to reviewer: For Refillable Containers)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. . Refillable container. Refill this container with [this product] only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller.

Pesticide Storage

Do not store on side. Avoid creasing or impacting of side walls.

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.

FINAL CONTAINER DISPOSAL

Clean container promptly after emptying. Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal empty remaining contents from container for use according to use directions and triple rinse promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke