

PM31

48301-8

4-4-97

172

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

244879

Application for Pesticide - Section I

1. Company/Product Number 48301-8	2. EPA Product Manager 31	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BIOBAN CS-1135 Preservative	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) ANGUS Chemical Company 1500 E. Lake Cook Rd. Buffalo Grove, IL 60089 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. APR 04 1997 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Addition of the statement:

"For control of bacteria in aqueous systems."

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
				<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 1-gal. + 5gal. poly pail; 55-gal. steel drum		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Allen F. Bollmeier		Title Manager, Regulatory Affairs		Telephone No. (Include Area Code) (847) 808-3554	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature Allen Bollmeier		3. Title Manager, Regulatory Affairs			
4. Typed Name Allen Bollmeier		5. Date 3/6/97			

BIOBAN® CS-1135

FOR CONTROL OF BACTERIA IN AQUEOUS SYSTEMS.

PRESERVATIVE

ACTIVE INGREDIENTS:

4, 4-Dimethyloxazolidine 73.7%

INERT INGREDIENTS 26.3%

TOTAL 100%

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER!

CAUSES EYE DAMAGE AND SKIN IRRITATION.

HARMFUL IF INHALED OR SWALLOWED.

COMBUSTIBLE LIQUID

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Do not use or store near heat or open flame.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. 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.

ANGUS Chemical Company assumes no responsibility when this product is not used in accordance with the instructions and information contained on this label.

KEEP OUT OF REACH OF CHILDREN

DANGER!

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse. Discard contaminated shoes.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, or gelatin solution; 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, respiratory depression, and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONS AND OTHER INFORMATION

EPA Reg. No. 48301-8

EPA Est. No. 48301-LA-01

A-12K

Printed in U.S.A.

ANGUS®

ANGUS Chemical Company
1500 E. Lake Cook Road
Buffalo Grove, IL 60089 U.S.A.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, cannot be disposed of by use according to label instructions, c Hazardous Waste representative at the nearest EPA Regional Office

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or recondition dures approved by state and local authorities.

USE IN PAINTS, INKS, AND EMULSIONS

BIOBAN CS-1135 is effective as a preservative in water-containing centration of 0.1 to 0.5 lb per 100 lb total formulation weight.

BIOBAN CS-1135 may be added at any point in the manufacturing is 0.1 to 0.2 lb per 100 lb of the formulation. The recommended r lb of the formulation.

USE IN ADHESIVES (NON-FOOD CONTACT)

For control of microbial contamination, add 0.1 to 0.5 lb of BIOBAN

USE IN OILFIELD WATER SYSTEMS

For controlling aerobic slime-forming bacteria (*Pseudomonas* sp.) or bacteria (*Desulfovibrio desulfuricans*) in oilfield water systems, such as su on the severity of the contamination. Additions should be made v injection pumps and injection well headers.

Continuous-feed method: If the system is noticeably fouled, add 2 continuously until the desired degree of control is achieved. Subseq barrels of water) continuously as needed to maintain control. Intermittent or slug method: If the system is noticeably fouled, or (1.7-12.8 gal per 2000 barrels of water) intermittently for 2-8 hours per o

USE IN METALWORKING FLUIDS

In Diluted Fluids: A concentration of 1000-2000 ppm of BIOBAN CS pints of BIOBAN CS-1135 per each 100 gallons of fluid.

Maintenance Dosage: Add 250-500 ppm BIOBAN CS-1135 weekly a (1 cup) of BIOBAN CS-1135 to each 100 gallons of fluid will provide

In concentrates: BIOBAN CS-1135 may be incorporated in metalwor will be stable in concentrates as long as the pH is maintained above manufacturer on his specific formulations to ensure that the concentr stability. The amount to be incorporated will depend on the dilution use. For efficient bacteriostatic activity, a concentration of 1000 to 2

FOR USE IN PRESERVING DRILLING MUDS AND WO

Determine the volume of BIOBAN CS-1135 necessary to provide a c drilling mud system, workover and completion fluid. For example 21 provides this concentration.

As the system circulates, add the BIOBAN CS-1135 in a thin stream.

Add additional BIOBAN CS-1135 to the system to maintain the prop

USE IN DIE-CAST LUBRICANTS AND MOLD-RELEASE

To control the growth of microorganisms in fluids used as lubricant manufacture of plastics.

In Diluted Fluids: A concentration of 1000-2000 ppm BIOBAN CS-1 pints of BIOBAN CS-1135 to each 100 gallons of fluid.

Maintenance Dosage: Add 250-500 ppm BIOBAN CS-1135 weekly as (1 cup) of BIOBAN CS-1135 per each 100 gallons of fluid will provide

In concentrates: BIOBAN CS-1135 may be incorporated in fluid co stable in concentrates as long as the pH is maintained above 6. Howeve er on his specific formulations to ensure that the concentrate does not amount to be incorporated will depend on the dilution factor recomme bacteriostatic activity, a concentration of 1000 to 2000 ppm of BIOBAN