MBC 205

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

DANGER • CORROSIVE: Causes irreversible eye damage • May be fatal if swallowed. • Causes skin irritation • Harmful if inhaled or absorbed through skin. • Do not get in eyes, on skin or on clothing. • Avoid breathing spray or mist. • When loading or handling wear protective eyewear (goggles or face shield) wear long-sleeved shirt and long pants, socks, shoes and chemically resistant gloves • Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals • Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using the toilet or using tobacco. • Remove and wash contaminated clothing separately before reuse.

PERSONAL PROTECTIVE EQUIPMENT
Applicators and other handlers must wear: Coveralls, over long-sleeved shirt and long pants • Socks and chemical resistance footwear • Goggles or face shields • Chemical-resistant gloves (such as barrier, laminate, butyl nitrile/neoprene rubber, PVC or viton)

ENGINEERING CONTROLS
When handlers use closed metering systems the handler requirements may be reduced or modified to long-sleeve shirt, long pants, shoes and socks.

USER SAFETY REQUIREMENTS
Follow manufacturers' instructions for cleaning & maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users must wash hands before eating, drinking, chewing gum, using the toilet or using tobacco. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

APPLICATION RESTRICTIONS
Do not apply this product directly in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and 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.

FOR INDUSTRIAL USE

Active Ingredient(s):
2,2-Dibromo-3-nitrilopropionamide..... 5%
Inert Ingredient(s)..... 95%
Total 100%

FIRST AID	
IF IN EYES	- Hold eye open and rinse slowly and gently with water for 30 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call poison control center or doctor for treatment advice.
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.
IF INHALED	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. - Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
Have product container or label with you when calling a poison control center or doctor or going for treatment.	
HOT LINE NUMBER	
IN CASE OF AN EMERGENCY endangering life or property involving this product, call 1-800-424-9300.	
NOTE TO PHYSICIAN	
If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. The decision of whether to induce vomiting or not should be made by a physician. Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.	

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
Storage: To maintain product quality, store at temperatures below 35°C. Keep container tightly closed when not in 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. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

NOTE: ADD MBC 205 SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID DECOMPOSITION OF MBC 205 DUE TO THE HIGH pH OF MANY ADDITIVE FORMULATIONS.

PAPER MILLS
For the control of bacterial, fungal, and yeast growths in pulp, paper and paperboard mills, add MBC 205 at the rate of 0.06 - 0.21 gal/ton of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. It must be made with a metering pump at a location that will ensure uniform distribution of MBC 205 in the mass of fiber and water, such as the beaters, jordan inlet or discharge, broke chests, furnish chests, save -alls, and white-water tanks.
HEAVILY FOULED SYSTEMS
Must be boiled out, then treated with 0.06-0.15 gal MBC 205/ton of paper (dry basis), as necessary for control.
MODERATELY FOULED SYSTEMS
Must be treated continuously with 0.15 -0.21 gal MBC 205/ton of paper (dry basis) until the slime accumulation is controlled. Addition rates can then be reduced to 0.06-0.15 gal MBC 205/ton of paper on a continuous or intermittent basis, as needed for control. Dislodged slime may cause breaks in the paper and a clean-up of the paper machine may be advisable.
SLIGHTLY FOULED SYSTEMS
Must be treated continuously with 0.06-0.15 gal MBC 205/ton of paper (dry basis) until the slime is controlled, then added on an intermittent basis to maintain control.

INDUSTRIAL OR COMMERCIAL COOLING WATER SYSTEMS
Not registered for this use in the State of California
Not intended for use in once-through cooling systems.
For control of microbial growth in industrial or commercial cooling water systems use either continuous or slug dosing. DO NOT MIX the product with other additives in order to avoid decomposition of the active ingredient due to the high ph of many additive formulations.
CONTINUOUS FEED
Add product to metering device for continuous feed. Add 20-480 ppm per day of product to the water in the system depending on the severity of contamination. Badly fouled systems must be cleaned before treatment.
SLUG DOSING
Add product to basin of cooling system or at any other point of uniform mixing. Add 100-480 ppm product to the water in the system depending upon severity of contamination. Repeat treatment every four days or as needed to maintain control. Do not exceed more than 480 ppm product in system water per day. Badly fouled systems must be cleaned before treatment.

AIR-WASHER SYSTEMS
Not registered for this use in the State of California
NOTE: For use only in industrial air-washer systems that maintain effective mist eliminating components.
For control of microbial growth in air washer systems use either continuous or slug dosing.
Note: A solution of product may be made on site for dosing the system. DO NOT MIX the product solution with other additives, in order to avoid decomposition of the active ingredient due to the high pH of many additive formulations.
CONTINUOUS FEED
Add product using metering device for continuous feed. Add 80 - 480 ppm per day of product to the water in the system depending on the severity of contamination. Badly fouled systems must be cleaned before treatment.
SLUG DOSING
Add product to basin of system or at any other point of uniform mixing. Add 20-480 ppm product to the water in the system depending upon severity of contamination. Repeat treatment every four days or as needed to maintain control. Do not exceed more than 480 ppm product in system water per day. Badly fouled systems must be cleaned before treatment.

INDUSTRIAL WASTEWATER SYSTEMS
Not registered for this use in the State of California
Wastewater Systems, Wastewater Sludge And Wastewater Holding Tanks
MBC 205 may be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 500 - 8,000 ppm by weight.

PUBLICLY-OWNED TREATMENT WORKS TO CONTROL COLIFORM AND OTHER BACTERIA
Add MBC 205 at a concentration of 4.0 to 40.0 ppm by weight of water being treated, depending on the severity of contamination in the system. Addition should be CONTINUOUS and must be made with a metering pump at a point in the system where mixing will be rapid and thorough. Add MBC 205 to the system in a location where contact time will be 30 minutes or greater before reaching the outfall.
TO USE AS A CO-TREATMENT WITH CHLORINE
Add 1.6 – 6.0 ppm MBC 205 by weight of water treated. Chlorination must result in a minimum detectable residual (i.e., greater than zero but less than the NPDES permit level). Addition must be CONTINUOUS and made at a point just after initial chlorine mixing. Rapid mixing is necessary for maximum effectiveness. MBC 205 must be added at a location where a contact time of 10 minutes or longer will be provided before reaching the outfall.

OIL FIELD APPLICATIONS
For reduction of bacterial contamination and degradation in oil recovery operations, add product to the system at a rate of 120 to 1,080 ppm depending on the severity of contamination.

ENHANCED OIL RECOVERY (EOR) FLUIDS
Not registered for this use in the State of California
The product reduces bacterial contamination and degradation of EOR polymers and gels. The product must be added to injection water before polymer addition.
Frequency and Dose: The product must be added at a rate of 120 to 1,080 ppm. Product must be added at a point to ensure proper mixing.

FRACTURING FLUIDS
Not registered for this use in the State of California
The product reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. The product must be added to the water storage tanks before gelling and circulated to ensure mixing. The product can be added at the well head for "on-the-fly" fracturing jobs.
Frequency and Dose: The product must be added at a rate of 360 to 1,080 ppm depending on water quality. Retreat after 48 hours if the frac job is delayed.

WATER FLOOD
Not registered for this use in the State of California
The product can be used to control slime and corrosion causing bacteria in waters used for secondary oil and gas recovery. If the system is heavily fouled, slug treat at the higher rate to remove biofilm. For maintenance, batch treat two to three times per week.
Frequency and Dose: The product must be added at a rate of 120 to 1,080 ppm. Product must be added at a point to ensure uniform mixing.

HYDROTESTING
Not registered for this use in the State of California
FOR CONTROL OF BACTERIA
Water used to hydrotest pipelines or vessels should contain 400 to 4,000 ppm of MBC 205 per 1,000 gallons water depending
on water quality and length of time the equipment will remain idle.

Notice: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

E.P.A. Registration No. 464-496-44392
E.P.A. Est.

Manufactured by:
Nashville Chemical
Redefining Water Treatment Services

NASHVILLE CHEMICAL & EQUIPMENT COMPANY
7001 WESTBELT DRIVE
NASHVILLE, TN 37209
(615) 350-7070

NET WEIGHT: Lb. NET CONTENTS: Gal.

UN 3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2,2-DIBROMO-3-NITRILOPROPIONAMIDE), 8, PG III

EPS.01 5/14/14 RA6125

SAMPLE LABEL