

MYACIDE™ S15

Myacide S15 is a liquid microbiocide for use in controlling the growth of bacteria and algae in industrial applications. Not for the control of algae in the State of California.

ACTIVE INGREDIENT:	% W/W
2-bromo-2-nitropropane-1,3-diol	10.0
INERT INGREDIENTS:	90.0
TOTAL	100.0

KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID

If swallowed	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> 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.
If in eyes	<ul style="list-style-type: none"> 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. Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-832-4357 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear long sleeve shirt and long pants, socks plus shoes. Wear goggles or face shield and chemical resistant rubber gloves when handling. Do not apply this product in a way that will contact workers or other persons. Harmful or fatal if swallowed. May cause allergic skin reactions in certain individuals. Wash thoroughly with soap and water after handling. Discard clothing or other absorbent materials that have been heavily contaminated with this product's concentrate. Do not reuse them. Remove lightly contaminated clothing and wash separately from other laundry using detergent and hot water before re-use.

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste.

MYACIDE IS A TRADEMARK OF BASF AG

EPA REG. NUMBER: 33753-17
EPA EST. NUMBER: 33753-GBR-003

NET CONTENTS: SEE PACKAGE

ACCEPTED

MAY 30 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 33753-17

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Keep away from heat.

PESTICIDE STORAGE

Store in a cool dry place in tightly closed original containers. Prolonged storage under freezing conditions may cause the active ingredient to crystallize.

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

Empty residue into application equipment. Triple rinse (or equivalent) then offer container for recycling or reconditioning, or puncture. Dispose of container in a sanitary landfill, or by incineration, if allowed by State and local authorities. If burned, stay out of smoke.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELLING

GENERAL USE DIRECTIONS

To control the growth of slime-forming, spoilage, odor-causing and corrosion inducing bacteria and algae in industrial applications.

MYACIDE S15 can be dosed directly either by open pouring (not cooling water treatment) or by metered pump.

For product preservation MYACIDE S15 is best added after any heating stage or when the product has cooled below 40°C.

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INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS

MYACIDE S15 may be dosed directly into the sump or basin or added by a suitable chemical pump. Where metering pumps are used, these must be set to deliver the required dose within 1 hour. The dosing point should be located close to the outlet from the basin to ensure rapid dispersal around the system. Do not apply by open pouring of the liquid.

Shock dose MYACIDE S15 once or twice weekly as a normal routine or more frequently where contamination is heavy. In heavily fouled systems, the tower should be drained and cleaned before treating.

MYACIDE S15 should be shock dosed at 250 to 1000 ppm (2 pt to 8 pt per 1000 gallons) depending on the condition of the tower, the quality of raw water input and the amount of bleed off.

INDUSTRIAL PROCESS WATER

For use in closed circuit machine cooling (injection moulding etc) and stored (non-potable) water. To reduce the biofouling of pipework, heat exchangers, condenser tubes and minimise microbially produced corrosion.

Shock dosing into the sump/tank of the process water system is preferred. In open systems shock dose once weekly to once monthly depending on the degree of contamination. Closed circuit systems require less frequent dosing.

Dose initially at 500 ppm MYACIDE S15 (4pt/1000 gallons), then when successful, lower to a minimum of 100 ppm. For intermittent treatment during routine maintenance use MYACIDE S15 at 1000 ppm and a contact time of at least one hour.

OIL AND GAS FLUIDS

For use in both terrestrial and off-shore drilling muds and packer fluids, for the control of contamination and degradation of a wide range of gels and fluids including fracturing, enhanced oil recovery, injection, well squeeze, drilling, workover and completion fluids. Add MYACIDE S15 at 500 to 1000 ppm (4-8pt/1000 gallons or 0.18-0.36pt per barrel).

For well squeezed fluids add MYACIDE S15 at 250-2000ppm (2-16pt/1000 gallons).

OIL PROCESS WATERS

For use in oil and gas well injection and formation waters. MYACIDE S15 should be injected as a slug dose at any convenient point at 250-1000 ppm (2pt-8pt/1000 gallons) once per week to once per month depending on the level of contamination.

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OIL AND GAS PIPELINE AND TANK MAINTENANCE

For use in water bottoms in crude and refined hydrocarbon storage tanks, piping and transportation systems.

Inject MYACIDE S15 directly into the water bottom or pipeline, or add to the hydrocarbon phase. Treat once daily for pipeline maintenance to once every one or two months for both storage and transportation systems. MYACIDE S15 should be applied to achieve 250-2000 ppm in the aqueous phase. Add higher concentrations to the hydrocarbon phase which will result in longer term protection by the gradual diffusion into the water. Dose will depend on the volume of crude or oil and the expected water fraction.

METALWORKING FLUIDS

For use in soluble oils, semi-synthetic and synthetic fluids. Add directly to the sump and circulate for about one hour before shutdown. MYACIDE S15 may be incorporated in metalworking fluid concentrate by the manufacturer who should ensure that any incompatibility will not affect efficacy.

In diluted fluids 2500 to 10,000 ppm of MYACIDE S15 is sufficient to control microbial growth (5 gallons of MYACIDE S15 in 1000 gallons will give a dose level of 5000 ppm). For maintenance, add 1000-4000 ppm of MYACIDE S15.

PAPER MILL PROCESS WATER

Add at a convenient point early in the process system (machine chest, constant head box or backwater loop system).

Dose MYACIDE S15 once to three times daily at 10 to 250 ppm in the process water depending on the complexity of the system, quality of raw paper and type and degree of contamination. This equates to 100 to 2500 ml (0.2 to 5pt) per tonne of finished paper or paperboard.

PAPER MILLS - BULK PULP

Add MYACIDE S15 directly into the hydropulper, machine chest or stock chest. Apply MYACIDE S15 once weekly to once daily at 500 to 2000 ppm (500 to 2000 ml per tonne of stock or 4-16pt/1000 gallons) depending on the type and degree of contamination.

INDUSTRIAL AND/OR COMMERCIAL AIR WASHERS, AIR CONDITIONING AND HUMIDIFYING SYSTEMS

For the control of bacterial and algal growth and to remove built up slime deposits. Shock dosing is preferred and should be carried out into the water sump on a routine basis once per week or month. Heavily fouled systems may require twice weekly treatment.

The initial dose of Myacide S15 should be 45ml/cubic meter or 3.8 pints/1000 gallons (equivalent to 50 ppm active ingredient). Subsequent dosing can be reduced by half.

Intermittent treatment during regular maintenance and cleaning at a level to 100 ppm active ingredient is also recommended with a contact time of at least one hour.

ADHESIVES

Add 1 to 5pt of MYACIDE S15 per 100lb total formulation weight to any water to be incorporated into the formulation.

ABSORBENT CLAYS

Impregnate absorbent clays by spraying or pouring 250-2000 ppm of MYACIDE S15 (0.4 - 3.2 oz av. per 100 pounds of clay).

STARCH, PIGMENT AND MINERAL SLURRIES

Apply MYACIDE S15 to water based suspension concentrates at 1000 to 5000 ppm based on the final formulation volume (8 to 40pt/1000 gallons).

Not for use in pigments in the State of California.

PAINTS AND OTHER EMULSION SYSTEMS

For the preservation of acrylic, styrene-acrylic, polyvinyl acetate and other latex emulsion, latex emulsion based paints, photographic emulsions, silicone and other antifoam emulsion systems.

Add MYACIDE S15 at 1000 to 5000 ppm based on the final formulation volume (8 to 40pt/1000 gallons).

WATER BASED PRINTING INKS AND FOUNT SOLUTIONS

During the use of fountain solutions, shock dose MYACIDE S15 at 500 to 1000 ppm (4 to 8pt/1000 gallons) depending on the contamination. Apply once weekly in the fount as a normal routine, or more frequently if required.

For in-can preservation dose MYACIDE S15 at 1000 to 5000 ppm based on the final formulation volume (8 to 40pt/1000 gallons).

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labelling, all of which are beyond the control of the Seller. All such risks shall be assumed by the Buyer. The manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to above.

THE MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

The manufacturer offers this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorised representative.

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