

BIOCHEK(R) 430

TO INHIBIT THE GROWTH OF MICROORGANISMS IN LATEX EMULSIONS,
COOLING WATER, WAXES, POLISHES, INKS, PAPER MANUFACTURE,
PAINTS, PIGMENT SLURRIES, COATINGS AND METALWORKING FLUIDS

GUARANTEE:

1,2-Dibromo-2,4-Dicyanobutane 23.73%
5-Chloro-2-Methyl-4-Isothiazolin-3-One 0.06%
2-Methyl-4-Isothiazolin-3-One 0.02%

KEEP OUT OF REACH OF CHILDREN
DANGER - CORROSIVE TO EYES
POTENTIAL SKIN SENSITIZER

COMMERCIAL
READ THE LABEL BEFORE USING
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

REGISTRATION NO. 25731 PEST CONTROL PRODUCTS ACT



WARNING

POISON

NET CONTENTS: 18.93 litres
Lanxess Corporation
111, RIDC Parkwest Drive
Pittsburgh (PA) 15275-1112
USA
1 800 LANXESS

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. DANGER-CORROSIVE TO EYES. CAUSES EYE DAMAGE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED. POTENTIAL SKIN SENSITIZER. DO NOT INHALE OR SWALLOW.

Do not get in eyes, on skin or on clothing. Avoid breathing vapours and spray mists. Do not contaminate feed or foodstuffs. Wear a full face NIOSH-approved respirator and a chemical-resistant apron, chemical-resistant gloves, long pants, a long-sleeved shirt, shoes and socks during mixing/loading, clean up, repair, and other handling activities. Wash skin thoroughly with soap and water after handling. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing.

Remove contaminated clothing and wash separately from other laundry before reuse. Wash contaminated clothing separate from other laundry prior to reuse. Users should remove protective clothing immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARD

This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority.

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. Call a poison control centre or doctor for 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 centre or doctor for treatment advice.

IF SWALLOWED: Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Take container label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTION FOR USE

Laboratory testing and customer use show BIOCHEK 430 is typically effective when applied at concentrations shown below. The exact amount necessary for the preservation of any given formulation will depend on the components, storage time and temperature, etc., and can be determined by actual testing. All concentrations are based on the total formulation weight.

	Effective Concentrations
Latex Emulsions	0.05-0.8%
Adhesives	0.05-0.8%
Metalworking Fluids	0.05-0.4%
Waxes, Polishes and Inks	0.05-0.4%

Latex Emulsions:

BIOCHEK 430 should be added using moderate agitation immediately following cool-down of the emulsion and prior to pumping into storage tank facilities.

Adhesives:

BIOCHEK 430 should be incorporated with agitation into the makeup water. However, where the adhesive is heated, BIOCHEK 430 should be added during cool-down cycle. Adhesives for which BIOCHEK 430 provides effective in-can preservation are: starch, epoxy, polyester, polyvinyl, acetate, styrene butadiene, methyl cellulose, acrylic, polyvinyl alcohol, hydroxyethyl cellulose, dextrin and casein.

Metalworking Fluids:

BIOCHEK 430 can be added or metered into the final diluted fluid either prior to its addition to the system or after the system has been filled. BIOCHEK 430 should be thoroughly mixed into the system to assure efficacy.

Waxes, Polishes and inks:

BIOCHEK 430 should be incorporated with agitation into the makeup water blend.

Compatibility:

BIOCHEK 430 is compatible with typical ingredients in end-use formulations. However, it should be added separately from amine-containing and strong nucleophilic agents during product formulations. Mixing BIOCHEK 430 with these agents may cause a reaction between the ingredients which can deactivate BIOCHEK 430.

BIOCHEK 430 is most active over a pH range of 2-9.5. In some formulations, the product has shown efficacy in higher pH formulations. If the formulations will have a final pH greater than 9.5, laboratory testing is recommended.

Corrosion Properties:

BIOCHEK 430 is compatible with materials such as PVC, polyethylene, polypropylene, Tygon, Teflon and glass. BIOCHEK 430 is corrosive to mild steel.

Positive displacement pumps are preferred for handling the product.-Chemical feed pumps are available from LANXESS Corporation.

STORAGE

Keep container closed when not in use. Do not contaminate water, food, or feeds by storage or disposal.

Ship and store BIOCHEK 430 at temperatures between 0°C to 42°C (32°F to 108°F). Freezing the product may cause a temporary water separation which can be corrected by mechanical agitation. Store away from heat. At temperatures above 42°C (108°F), the active ingredients in the dispersion may separate out.

ATTENTION

If the temperature indicator button is white, the product can be used directly. If the indicator button is bright blue, matching the exposed example, sample the drum. If the product is a slightly viscous, white dispersion, the product may be used. If two phases are found or clear viscous, water is found, contact your product representative. Temperature changes may alter viscosity, but will not affect product handling or performance.

DISPOSAL: (non returnable containers)

1. Triple or pressure-rinse the empty container. Add the rinsing to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

DISPOSAL FOR REFILLABLE CONTAINERS:

Close valve.

For disposal, this empty container may be returned to the point of purchase (distributor/dealer). It must be re-filled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for information on the clean-up of spills.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.