US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS TERM OF ISSUANCE REGISTRATION DIVISION (75-767) WASHINGTON, DC:20460 NOTICE OF PESTICIDE: (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)... NAME AND ADDRESS OF REGISTRANT (Include ZIP-code) Calgon Corporation Calgon Center Box 1346 Pittsburgh, PA 15230 NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number. On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act. A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith. Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you: Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Add the phrase "EPA Registration No. 10445-89" to your label before you release the product for shipment. 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label for enclosed for your records. f Kempter

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

EPA Form 8570-6 (Rev. 5-76)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

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PRECAUTIONARY STATEMENTS HAZARDS 1

SUMANS AND DOMESTIC ANIMALS

DANGES

CORROSIVE ... EYES

CAUSES I.E DAMAGE AND SKIN IRRITATION

HARMFUL IF SWALLOWED

Do not get in eyes, on skin, or on clothing, Mear goggles or face shield and rubber gloves when handling.

Wash thoroughly with soap and water after

Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

EYES: If in eyes, hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Seek medical attention immediately.

SKIN: If on skin, wash with soap and water. Seek medical attention if irritation persists. INTERNAL: If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in a KPDES permit. 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.

MOTICE: Seller expressly warrants that the product conforms to its chemical description. There are no warranties associated with the sale of this product either express or implied including but not !!mited to the unrranties of fitness for a particular purpose or merchantability.

BIOCHEK 430

TO INHIBIT THE GROWTH OF MICROORGANISMS IN LATEX . EMULSIONS, COOLING WATER, HOUSEHOLD PRODUCT PAPER MANUFACTURE AND METALWORKING FLUIDS.

1,2-0ibromo-2,4-dicyanobutane 5-Chloro-2-methyl-4-isothiazolin-3-one 2-Methyl-4-isothiazolin-3-one	0.0597	
INERT INGREDIENTS	76,198	

E.P.A. Registration No. 10445-	KEEP OUT OF REACH OF CHILDREN			
m EPA Establishment No. 10445-PA-01	DANGER			
EPA Establishment No. 10445-NJ-01	See Side Panel For Additional			
EPA Establishment No. 10445-CA-01	Precautionary Statements			
EPA Establishment No. 10445-TX-01				
EPA Establishment No. 10445-MO-01				
EPA Establishment No. 45359-CT-01	•			

NET WEIGHT

Information concering human and environmental exposure may be reviewed on the Material Safety Nata Sheet for this Product.

For additional information regarding incidents involving human and environmental exposure, call 412-777-8000 and ask for the Regulatory and Trade Affairs Department.

> CALGON CORPORATION Calgon Center Pittsburgh, PA

ACCEPTED with COMMENTS

DIRECTION FOR USE

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

The amount necessary for desired protection varies, depending on exposure conditions. For further application information refer to the Product Bulletin.

STORAGE AND DISPOSAL

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 00-420C (320F to 1080F). Freezing the product may cause a temporary water separation which can be corrected by mechanical agits on.

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 effect product handling or performance.

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 Hazardon: Waste representative at the nearest EPA Regional Office for guildance.

DISPOSAL OF DRUMS: Do not reuse empty container... Triple rinse (or equivalent). Reseal container then offer for recycling or reconditioning, or runcture and dispose of in a sanitary landfill, by in EPA Letter Dated authorities, by burning. If burned, stay out of incineration or, if allowed by State and local

UECO 4 1987

Under the Federal Insecticide, Fungiciae, and Rodenticide Act am amended, for the perticide registered under EPA Bey, No.





DECO4 1987

Under the Federal Inserticide Magicine hederal inserticide, Magicine Lederal inserticity, and

BIOCHEK 430

40445-89

BIOCHEK 430 is a preservative which effectively inhibits the growth of microorganisms in latex emulsions, metalworking fluids, adhesives, industrial recirculating cooling water, paper manufacture, and household products. BIOCHEK 430 is a dispersion of 1,2-dibromo-2,4-dicyarobutane, 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one.

TYPICAL PROPERTIES

Appearance	White	to of	f-white liquid
Active Ingredients	• • • • • •		Minimum 23.8%
Viscosity			
(Brookfield RVF, #5 Spindle @ 50 rpm (@ 25°C		1100-1900 cps
Freezing Point			0 ^o C
Specific Gravity			

TYPICAL USE LEVELS

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

Effective Concentrations

Latex Emulsions	0.05 - 0.8%	0 0
Latex Emulsions Metalworking Fluids -Household Products Todachold Cooling Material	0.05 - 0.4%	delete
Industrial Cooling Water	0.05 - 0.8%	
Púlp & Paper Mills	0.05 - 0.8%	

BEST AVAILABLE COPY

DIRECTIONS FOR USE

Latex Emulsions:

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

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. If BIOCHEK 430 is added to the concentrate, testing should be conducted to assure compatibility.

Household Products Such As Waxes, Polishes and Inks: BIOCHEK 430 should be incorporated with agitation into the make-up water blend.

Paper Mill Slimicide Control:

Biochek 430 controls bacterial, fungal and yeast growth in pulp, paper, and paperboard mills. Addition should be made at a location that will insure uniform distribution of BIOCHEK 430, in the mass of fiber and water, such as the beaters, jordan inlet or discharge, broke chests, furnish chests, save-alls, and white-water chests. It is preferable to clean a fouled machine before slimicide addition whenever possible. BIOCHEK 430 is also used for preservation of pigment slurries, adhesives, coatings, emulsions and high viscosity suspensions.

Industrial Recirculating Cooling Water:
Add BIOCHEK 430 to the sump, suction side of the recirculating pump, or
any other point of turbulent flow. Badly fouled systems should be cleaned
before initial treatment. Optimum performance of BIOCHEK 430 can be
attained by continuous or intermittent feed.

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COMPATIBILITY

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

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

CORROSION PROPERTIES

BIOCHEK 430 is compatible with materials such as $P\bar{VC}$, 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 Calgon Corporation.

PACKAGING

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BIOCHEK 430 is available in 44 pound net pails, 440 pound net drums and liquabins containing 3000 pounds net.

PRECAUTIONARY STATEMENTS/HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
CORROSIVE
CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN IRRITATION
HARMFUL IF SWALLOWED

Do not get in eyes, on skin, or clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

EYES:

If in eyes, hold eyelids open and flush with a steady gentle

stream of water for a: least 15 minutes. Seek medical

attention immediately.

SKIN:

If on skin, wash with soap and water. Seek medical attention

if irritation persists.

INTERNAL:

If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by

mouth to an unconscious person.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. 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.

STORAGE AND DISPOSAL

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

Ship and store BIOCHEK 430 between 0° C (32°F) and 42°C (108°F). Keep from freezing. Freeze-thaw cycle may cause a temporary water separation and can be corrected by mechanical agitation.

Store away from heat. At temperatures above 42°C (108°F), the active ingredient in the aqueous dispersion may separate out. A temperature-indicator spot has been added to the drum to indicate the exposure to elevated temperatures. Instructions which appear on the label follow:

If temperature-indicator spot on drum head label is white, the product can be used directly.

STORAGE AND DISPOSAL (Cont'd)

If indicator spot on drum head label 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 or if a clear viscous water layer is found, call your product representative.

Temperature changes may alter viscosity, but should not affect handling or performance.

Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Do not reuse empty container. Triple rinse (or equivalent). Reseal container then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE

Seller makes not warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instruction.

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet and label for this product.

For additional information regarding incidents involving human and environmental exposure, call 412/777-8000 and ask for the Regulatory and Trade Affairs Department.

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