

PM 31 8133-28

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

**FEB 04 1991**

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Champion Chemicals, Inc.  
P.O. Box 27727  
Houston, TX 77245

Attention: Richard Finley

Gentlemen:

Subject: Bactron K-55W Microbiocide  
EPA Registration No. 8133-28  
Application Dated December 10, 1990  
Application Dated December 13, 1990

The applications referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended to change the product name, increase the methanol content to 25%, and the data to support the unregistered source of the active ingredient, are acceptable. A stamped copy of the label is enclosed for your records.

Product name change:

Old Name: Bactron K-55

New Name: Bactron K-55W Microbiocide

The product chemistry data is in compliance with 40 CFR Part 158.155 through 158.190 and with the Registration Standard data requirements for Formaldehyde Table A part 158.120.

The accelerated storage and stability data for 30 days at temperatures 50° C, 23° C and 0° C are acceptable on an interim basis. The results of the 12 months storage and stability test must be submitted to this Agency within 15 months from the date of this letter.

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This amendment is subject to the attached terms of conditional registration which have previously been communicated to legal representatives of Champion and were accepted by those representatives in a letter dated February 1, 1991 from Larry J. Pechacek of Vinson & Elkins to Robert Perlis of EPA's Office of General Counsel.

Sincerely yours,

John H. Lee  
Product Manager 31  
Antimicrobial Programs Branch  
Registration Division (H7505C)

Attachment

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ATTACHMENT

TERMS OF CONDITIONAL REGISTRATION

In response to a number of data waiver requests, EPA is currently reevaluating the data requirements that will be required to support a registration of formaldehyde for use in underground oil wells. When its reevaluation is concluded, EPA will inform Champion of its decision. Champion's application for amended registration dated December 10 and 13, 1990 is granted subject to the following conditions with respect to EPA's ongoing reevaluation of formaldehyde data requirements:

1. After EPA informs Champion of its decision with respect to formaldehyde data requirements, Champion must within thirty days notify EPA of its commitment to satisfy all the applicable data requirements in accordance with a schedule to be supplied by EPA. If Champion fails to commit within thirty days to satisfy all the applicable data requirements in accordance with the schedule supplied by EPA, this registration shall automatically terminate and be cancelled by EPA.

2. Champion must submit data adequate to satisfy the data requirements identified by EPA in accordance with the schedule supplied by EPA. Champion must also submit timely and adequate progress reports if any such reports are required by EPA in conjunction with satisfaction of the data requirements. If Champion fails to supply such adequate data and/or progress reports in a timely manner, EPA shall have the right to immediately cancel this registration by order without hearing.

3. Until such time as Champion makes a commitment to satisfy all the data requirements that may be identified by EPA as part of its current reevaluation of formaldehyde data requirements, no pesticide product may be sold or distributed under this registration other than for the purpose of production of oil on the North Slope of Alaska.

If the registration is cancelled for failure to comply with any of the three conditions identified above, EPA will inform Champion of its determination concerning the sale, distribution and use of existing stocks of product produced under this registration. Champion is on notice that it is unlikely that EPA will permit any continued sale, distribution or use of existing stocks if Champion fails to comply with any of the three conditions identified above.

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# BACTRON K-55W MICROBIOCIDES

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FEB 4

ANTIMICROBIAL

STORAGE: Do not con-  
be stored apart from c  
Storage facilities should

PESTICIDE DISPOSAL  
posal. Pesticide wastes a  
spray mixture or rinseat  
not be disposed of by u  
State Pesticide or Envir  
representative at nearest

CONTAINER DISPOS  
empty drum in accordan

HANDLING

When handling formalde  
ber gloves, and imperv  
water after handling. Ob  
full-face NIOSH approv  
respirator within use lim  
use self-contained breat

IN CASE OF FIRE: U  
type aqueous film formi  
spray to cool fire-expos  
paratus and complete p  
exposure to vapors or p

IN CASE OF SPILL: C  
well ventilated area. Eli  
area sparingly with wat  
sewers and ditches lea  
monium hydroxide or so

## PRECAUTIONARY STATEMENTS DANGER HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes eye damage and skin irritation. Methanol may cause blindness. Harmful or fatal if swallowed. DO NOT get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Vapors harmful. Avoid breathing spray mist or vapors. Avoid contact with skin. Avoid contamination of food.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

## DIRECTIONS FOR USE

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

Enhanced Oil Recovery: Inject BACTRON K-55W directly from the trunk to control bacteria following injection of miscible solvent, oil displacement chemicals, or carbon dioxide. Dosage required may be 25-500 ppm. The lower concentration for continuous treatment the higher for periodic batch.

For repressuring depleted oil or gas zones continuous injection of BACTRON K-55W at 25-100 ppm into fresh or salt water should be adequate.

For preserving drilling fluids, work-over fluids or water based packer fluids 100-500 ppm of BACTRON K-55W will be adequate.

For batch treating the Annulus of Producing oil wells 1-5 gallons of BACTRON K-55W can be flushed down the annulus weekly with produced fluids.

FOR USE IN CONTROLLING SULFATE-REDUCING  
BACTERIA IN OIL WELL DRILLING AND OIL  
FIELD PROCESSING, WATER FLOODING  
APPLICATIONS.

### Active Ingredients

Formaldehyde.....37.0%  
Inert Ingredients.....63.0%

(This product contains methanol)  
(This product weighs 8.75 lbs./gal.)



## KEEP OUT OF REACH OF CHILDREN DANGER

### Statement of Practical Treatment

IF INHALED: Remove to fresh air. If breathing has stopped, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

IN CASE OF CONTACT: Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash clothing before re-use. Discard contaminated leather clothing.

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. See side panel for additional precautionary statements.

Net Weight (lbs.) 485  
Net Volume (U.S. gals.) 55



Champion  
Technologies, Inc.

421 First Avenue N.  
Kent, Washington 98032

EPA Establishment No.  
EPA Registration No.

08785-WA-001  
8133-28

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Product Manager 31  
Antimicrobial Programs Branch  
Registration Division (H7505C)

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PESTICIDE DISPOSAL: Pesticide wastes a spray mixture or rinsate i not be disposed of by us State Pesticide or Enviro representative at nearest

CONTAINER DISPOS: empty drum in accordanc

HANDLING

When handling formalde ber gloves, and impervi water after handling. Obv full-face NIOSH approve respirator within use lim use self-contained breath

IN CASE OF FIRE: Us type aqueous film formi spray to cool fire-expos paratus and complete pe exposure to vapors or pr

IN CASE OF SPILL: C well ventilated area. Eli area sparingly with wa sewers and ditches lea monium hydroxide or so

# BACTRON K-55W MICROBIOCID

FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA IN OIL WELL DRILLING AND OIL FIELD PROCESSING, WATER FLOODING APPLICATIONS.

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Net Volume (U.S. gals.)	55



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