



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

67420-6

Date of Issuance:

5/23/23

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

2K7 WSP

Name and Address of Registrant (include ZIP Code):

Jennifer Brandon  
OSP Microcheck Inc.  
c/o Delta Analytical Corp  
Electronic Transmittal: [jbrandon@delta-ac.com](mailto:jbrandon@delta-ac.com)

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Steven Snyderman, Product Manager 33  
Regulatory Management Branch 2  
Antimicrobials Division (7510M)

Date:

5/23/23

2. You are required to comply with the data requirements described in the DCI identified below:

a. 2-bromo-2-nitropropane-1,3-diol (bronopol): GDCI-216400-1336

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

4. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 67420-6.”

5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated July 7, 2022

The alternate brand name “2K7 Granular P” have been added to the product record

If you have any questions, please contact Zebora Johnson by phone at (202) 560-0730 or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov).

Enclosure: Accepted Label

**2K7 WSP**

[ABN: 2K7 Granular P]

[This product *[or]* [2K7 WSP] *[or]* [2K7 Granular P] is a concentrated free-flowing crystalline solid microbiocide for use in controlling bacteria and algae found in industrial applications, and as a preservative to inhibit bacterial spoilage during manufacture, distribution, use and storage of industrial, consumer, household, and institutional products.] [Not for the control of algae in the State of California.]

**ACTIVE INGREDIENT:**

2-bromo-2-nitropropane-1,3-diol ..... 99.74%

**OTHER INGREDIENTS:** ..... 0.26%

**TOTAL** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**



*[Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.]*

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

[See [additional] [precautionary statements] [precautionary labelling] [and] [&] [directions for use] [in] [booklet] [insert]].  
 [See [side] [back] [panel] [for] [additional] [precautionary statements] [precautionary labelling] [and] [&] [directions for use]]  
 [See [inside] [booklet] [insert] for [Precautionary Statements] [and] [&] [Directions for Use]]

EPA REG. NUMBER 67420-

EPA EST. NUMBER

**OSP MICROCHECK INC**  
**#6, 820 -28 ST. N.E.**  
**Calgary, Alberta, T2A 6R3**

NET CONTENTS:

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER.** Corrosive. Causes irreversible eye damage and skin irritation. Fatal if absorbed through skin. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Do not breathe dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: Coveralls over long sleeved shirt and long pants, socks and chemical resistant footwear, goggles or face shield, and chemical resistant gloves. If dusts are generated, wear an approved dust respirator. When mixing and loading, wear a chemical-resistant apron.

Do not apply this product in a way that will contact workers or other persons. Discard clothing or other absorbent materials that may have been heavily contaminated with the product's concentrate. Remove lightly contaminated clothing and wash separately from other laundry using detergent and hot water before re-use.

*[Reader's Note: The following must be used when the product is packaged in water soluble packaging]*

[Water-soluble packets, when used correctly, qualify as a closed loading system under the WPS. Handlers handling 2K7 WSP, while it is enclosed in intact water-soluble packets, may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks, a chemical-resistant apron, and chemical-resistant gloves.]

[IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.]

[Handle WSP(s) in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions. Keep the WSP(s) in outer packaging until just before use. Keep WSP intact. Do not cut or puncture WSP. Reseal the WSP outer packaging to protect any unused WSP(s).]

**USER SAFETY REQUIREMENTS**

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 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 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 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.

**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, this product can be dosed directly or by preparing a stock solution immediately prior to application, either by open pouring (not cooling water treatment) or by metered pump. For process application treatments this product may be slug dosed initially when the system is noticeably fouled and reduced to a maintenance dose once microbial control is evident. For some applications treatment may be by slug dose only or by maintenance dose only. More frequent and higher dosing should be used where contamination is

heavy. The recommended dosing regimens (slug/maintenance dose) and the dose rates are as indicated in the individual use area instructions. [For use with cold water-soluble bags (PVA film) 1 x 0.5 kilo (1.1023 lb) bag/1300 gallons is equivalent to 100 ppm.] or [ 2.2 lb (1 kg) [pak] per 2600 gallons or 1.1 lb (0.5 kg) [pak] per 1300 gallons is equivalent to 100 ppm.]

For preservation during the manufacture, distribution, storage and use of industrial, consumer, household and institutional products, this product is best added at any liquid phase as late as possible during the manufacturing process. It may be added by pre-dissolving in any water to be incorporated into the formulation. Add after any heating stage, or when the product has cooled below 40°C. Ensure good mixing and even distribution throughout the product.

### **INDUSTRIAL RECIRCULATING COOLING WATER**

For use in recirculating cooling towers (not once-through), evaporative condensers, open and closed loop cooling and stored (non-potable) water, industrial and/or commercial air washers, air conditioning and humidifying systems. This product will reduce the biofouling of pipework, heat exchanges and condenser tubes and will minimise microbial corrosion. Apply this product once weekly to once monthly to the sump or tank where turbulence will ensure quick dissolution. Do not apply by open pouring of liquid to cooling water systems.

Shock dose this product at 50 to 100 ppm (0.42 to 0.84 lb/1000 gallons). Subsequent dosing can be reduced to 10 ppm. For smaller systems, use 1.4 oz. (40g) in 200 gallons [(or 0.14 oz. (4g) in 20 gallons)] to achieve 50 ppm.

### **OIL PROCESS WATERS**

For use in oil and gas well injection and formation waters. This product should be injected at any convenient point at 25-100 ppm (0.009 to 0.036lb/barrel) from once per week to once per month depending on the severity of contamination.

### **OIL AND GAS FLUIDS**

For preservative use in both terrestrial and offshore drilling muds and packer fluids to control contamination and degradation of a wide range of gels and fluids including fracturing, enhanced oil recovery, injection, drilling, waterflood, workover and completion fluids. Add this product at 50-100 ppm (0.018 to 0.036 lb/barrel). For well squeeze fluids add this product at 25-200 ppm.

### **OIL AND GAS PIPELINE AND TANK MAINTENANCE**

For use in water bottoms in crude and refined hydrocarbon storage tanks, piping and transportation systems. Inject this product 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. This product should be applied to achieve 25-200 ppm in the aqueous phase. Add higher concentrations to the hydrocarbon phase, which will result in longer term protection by gradual diffusion into the water phase. Dose will depend on the volume of crude or oil and the expected water fraction.

### **PAPER MILL PROCESS WATER**

Apply at a convenient point early in the process system (machine chest, constant head box or backwater loop system). Dose this product once to three times daily at 1 to 25 ppm in the process water. This equates to 0.02 to 0.5 lb per ton of finished paper or paperboard.

### **PAPER MILLS – BULK PAPER**

Add this product directly into the hydropulper, machine chest or stock chest. Apply once weekly to once daily at 50 to 200 ppm (0.1-0.4 lb per ton).

### **WATER BASED PRINTING INKS AND FOUNTAIN SOLUTIONS**

During the use of fountain solutions, shock dose this product at 50-100 ppm (0.42 to 0.84 lb/1000 gallons) depending on the contamination. Apply once weekly in the fountain reservoir as a normal routine or more frequently if required.

For In-can preservation, dose this product at 100 to 500 ppm based on the final formulation volume (0.84 to 4.2 lb/1000 gallons).

#### **STARCH, PIGMENT AND MINERAL SLURRIES**

For preservation, apply this product to water-based suspensions at 100 to 500 ppm based on the final formulation volume (0.84 to 4.2 lb/1000 gallons).

Not for use in pigments in the State of California.

#### **CHEMICAL TOILET DEODORANTS**

Incorporate this product at levels of 1-28% in deodorant concentrates. To effectively control odor in a portable toilet, use 100-500 ppm (0.84 to 4.2 lb/1000 gallons).

#### **PAINTS AND OTHER EMULSION SYSTEMS**

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

Add this product at 100 to 500 ppm based on the final formulation volume (0.84 to 4.2 lb/1000 gallons).

#### **METAL WORKING FLUIDS**

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

In diluted fluids add 100 to 1000 ppm of this product (1.0 lb of this product in 1000 lbs will give a dose level of 1000 ppm).

#### **ADHESIVES**

For preservation, add 0.1-0.5 lb of this product per 100 lb total formulation weight (1000 to 5000 ppm).

#### **ABSORBENT CLAYS**

For preservation, impregnate absorbent clays by spraying or pouring solutions of 25-200 ppm of this product (0.04 - 0.32 oz. av. per 100 pounds of clay).

#### **WATER BASED AGRICULTURAL PESTICIDE CONCENTRATES**

**Do not use for applications involving direct or indirect food or drinking water contact.**

For preservation, this product should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500g/cubic meter or 0.84 to 4.2 lbs/1000 gallons).

#### **CONSUMER, HOUSEHOLD AND INSTITUTIONAL PRODUCTS; SURFACTANTS AND RAW MATERIALS**

**Do not use for applications involving direct or indirect food or drinking water contact.**

For preservation of products such as dishwashing liquids, surface cleaners, polishes; bulk ionic, nonionic, amphoteric and cationic surfactants and raw materials supplied for the manufacture of industrial and consumer products, this product should be dosed at 100 to 500 ppm based on the final formulation volume (100 to 500g/cubic meter or 0.84 to 4.2 lbs/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.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

##### **PESTICIDE STORAGE**

Keep away from heat.

##### **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 HANDLING**

*[Use the following for 2K7 Water Soluble Paks]*

Nonrefillable container. Do not reuse or refill this container. Offer empty outer plastic bag for recycling, if available, or dispose of in the trash as long as Water Soluble Pak is unbroken. Triple rinse (or equivalent) then offer drum for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of drum in a sanitary landfill.

*[Use the following for 2K7 Granular]*

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by incineration.

[Batch number]