



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 27, 2015

Jeff Jones  
Dailan Bio-Chem Company Limited  
c/o Delta Analytical Corp.  
12510 Prosperity Drive, Suite 160  
Silver Spring, MD 20904

Subject: Label Amendment –Add uses previously approved for other labels and minor label revisions  
Product Name: EXTRACIDE A14  
EPA Registration Number: 87857-2  
Application Date: June 30, 2015  
Decision Number: 506534

Dear Jeff Jones:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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 the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. 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) list 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. 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 Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Tuere Williams by phone at 703-347-0316, or via email at [williams.tuere@epa.gov](mailto:williams.tuere@epa.gov).

Enclosure

Sincerely,

A handwritten signature in black ink, appearing to read "John M. Hebert". The signature is written in a cursive style with a large initial "J" and "H".

John Hebert  
Branch Chief for,  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

07/27/2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 87857-2

# EXTRACIDE A14

For use by manufacturers only in formulating industrial microbicides for use in adhesives, air conditioner and air refrigeration condensate water systems, air washer systems, brewery pasteurizer and can warming systems, building materials, coal slurry systems, commercial photoprocessing systems, dispersed pigments, electrodeposition paint components, evaporative condenser water systems, fountain solutions, fuels, hydrostatic sterilizer water systems, immersion ultrasonic tank water, in-container preservation, industrial process water systems, industrial scrubbing systems, industrial wastewater treatment systems and sewage systems, influent water filtration systems, laboratory equipment water baths, metal-working and metal cleaning fluid preservation, oil field injection waters, paints and coatings, paint spray booth systems, paper mills, photographic emulsions, polymer latex, printing fluids, retort water systems, recirculating closed loop water cooling systems, recirculating electrodeposition systems, recirculating water cooling towers, reverse osmosis and ultra filtration systems, tackifiers, textile chemicals, water based hydraulic fluids, and wood & wood products.

**ACTIVE INGREDIENTS:**

5-Chloro-2-methyl-4-isothiazolin-3-one ..... 10.75%

2-Methyl-4-isothiazolin-3-one ..... 3.60%

**OTHER INGREDIENTS:** ..... 85.65%**TOTAL:** ..... 100.00%**KEEP OUT OF REACH OF CHILDREN****DANGER****FIRST AID**

<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 min.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<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 min.</li> <li>• Remove contact lenses, if present, after first 5 min. then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</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 mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further 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>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency, call poison control center at 1-800-222-1222 for treatment advice.	
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsions may be necessary.	

**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

EPA Reg. No. 87857-2

EPA Est. No. 87857-CHN-

Manufactured by:  
**Dalian Bio-Chem Company Limited**  
 11F, Anda Business Mansion, No. 32 Wuwu Road,  
 Zhongshan District, Dalian, China

**NET CONTENTS:**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF ABSORBED THROUGH THE SKIN OR SWALLOWED. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF INHALED.** Do not get in eyes, on skin, or on clothing. Mixers, loaders and others exposed to this product must wear long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using 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. This product may cause skin sensitization reaction in some people.

### PHYSICAL OR CHEMICAL HAZARDS

This product is corrosive to mild steel. This product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure, the product is packaged in specially vented containers. Keep this product in the original containers when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent.

### ENVIRONMENTAL HAZARDS

This chemical is toxic to aquatic plants, fish and aquatic invertebrates. 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 Pollution 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 system without previously notifying the local 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. Apply this pesticide only as specified on this label.

## DIRECTIONS FOR USE

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

**For use ONLY in the formulation of end-use industrial microbicides. Formulators are responsible for obtaining their own EPA registrations and developing the data required to support their registrations.**

Extracide A14 is intended for formulation into end-use pesticide products to be used as preservatives/microbicides for the use patterns listed below:

### ADHESIVE AND TACKIFIER PRESERVATION

As an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene, and acrylic latices; also as a preservative for tackifiers derived from rosin and hydrocarbon resins.

### AIR WASHER SYSTEMS / PAINT SPRAY BOOTHS

For the control of bacteria, algae and fungi which cause fouling in industrial air washer systems and paint spray booths.

#### **BREWERY PASTEURIZERS AND CAN WARMERS**

For the control of bacteria, algae and fungi in brewery pasteurization and can warmer systems.

#### **BUILDING MATERIAL PRESERVATION**

As an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, concrete admixtures, spackling, and grouting.

#### **DISPERSED PIGMENT PRESERVATION**

For the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper production coatings.

#### **FOUNTAIN SOLUTIONS**

For the control of bacteria, algae and fungi in fountain solutions.

#### **FUEL PRESERVATION**

For the control of bacteria and fungi in liquid hydrocarbon fuels such as: aviation fuels, kerosene, heating oils, diesel fuels, and residual fuel oils. FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

#### **IN-CONTAINER PRESERVATION**

As an in-container preservative for the control of bacteria and fungi in liquid and semi-solid or solid household consumer, janitorial and industrial products, such as air fresheners, automotive products, fabric softeners, hand cleaners, polishes for floors and furniture, shoe polishes, moist sponges, mops, and towelettes, spray starch, waxes and automotive polishes, hand and automatic dish detergents, stain pretreatment products, liquid laundry detergents and car washes, household cleaners, industrial cleaners, liquid hand soaps, oil and grease removers, carpet cleaners, carpet shampoos and spot removers, waterless hand cleaners, raw materials for cleaning products, surfactants and silicone emulsions.

#### **INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS**

For the control of bacteria, algae and fungi in industrial recirculating closed loop water cooling systems when added to the reservoir, recirculating line or some other point to ensure uniform mixing.

#### **INDUSTRIAL RECIRCULATING WATER COOLING TOWERS**

For the control of bacteria, algae and fungi in industrial recirculating water cooling towers when added to the tower basin, distributor box or some other point to ensure uniform mixing.

#### **INDUSTRIAL WASTEWATER TREATMENT SYSTEMS AND SEWAGE SYSTEMS**

For the control of microbial biofilms, bacteria, fungi, and algae in industrial wastewater treatment and sewage systems.

#### **METALWORKING FLUID PRESERVATION**

For the control of bacteria and fungi in soluble and emulsifiable aqueous metalworking fluids.

#### **METAL CLEANING FLUID PRESERVATION**

As a preservative in the manufacture and use of alkaline, acid, and emulsion based metal cleaning fluids and general cleaning operations.

#### **OIL FIELD INJECTION WATERS**

For the control of slime-forming and sulfate reducing bacteria in oil and gas field water systems, including enhanced recovery injection fluids, drilling, fracturing and completion fluids. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids

## **PAINT AND COATING PRESERVATION**

As an in-container preservative for the control of bacteria and fungi in water based coatings such as paper and wood coatings, and paints used for architectural product finishes, and special purpose coatings.

## **PAPER MILLS**

For the control of bacterial and fungal slime in the production of paper.

## **PHOTOGRAPHIC EMULSION PRESERVATION**

For the control of bacteria and fungi in the manufacture and storage of aqueous based materials such as gel solutions, dispersions and emulsions used in the manufacture of photographic products.

## **PHOTOPROCESSING SYSTEM PRESERVATION**

To prevent slime formation or accumulation in photoprocessing filters, tanks, replenishment systems, effluent, silver recovery and waste streams of commercial photoprocessing systems for the maintenance of non-fouled systems.

## **POLYMER LATEX PRESERVATION**

For the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylics; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; and biopolymers intended for industrial use, such as xanthan gum, gum arabic, guar gum, protein derived polymers, starches, casein derived polymer latices and solution polymers.

## **PRINTING FLUID PRESERVATION**

For the control of bacteria and fungi in the manufacture and storage of printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, thickeners, and for photoplate processing chemicals such as stabilizer solutions.

## **RECIRCULATING ELECTRODEPOSITION SYSTEMS**

As a tankside additive for the control of bacteria, fungi and algae in recirculating electrodeposition systems, associated rinse systems, and through the addition to components of the electrodeposition paint prior to their addition to the electrodeposition system.

## **TEXTILE CHEMICAL PRESERVATION**

For the control of bacteria and fungi in the manufacture and storage of textile processing chemicals such as fiber lubricants, spin finishes, sizes, dyestuffs, textile printing inks, dispersants, thickeners, dye fixatives, hand builders and weighters. These textile processing chemicals are commonly used in the production of natural and synthetic fibers and fabrics.

## **ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS SYSTEMS**

For the control of microbial biofilms, bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems.

## **WATER BASED HYDRAULIC FLUID PRESERVATION**

As a preservative in the manufacture and use of high water based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume of mineral oil using an oil soluble emulsifying agent.

## **WATER SYSTEMS**

For the control of microbial biofilms, bacteria, fungi and algae in air conditioner/refrigeration condensate water systems, coal slurry systems, evaporative condenser water systems, hydrostatic sterilizer water systems, immersive ultrasonic tank water, industrial scrubbing systems, influent water filtration systems, laboratory equipment water baths, retort water systems, and industrial process water systems.

## **WOOD AND WOOD PRODUCTS**

For the protection of wood and wood products such as landscape timbers, fences, posts, terrestrial-use pilings, crossties, decks and similar exterior surfaces from mold and mildew.

## STORAGE AND DISPOSAL

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

### PESTICIDE STORAGE

Keep this product in the original container when not in use. This product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure, the product is packaged in specially vented containers. Keep this product in the original containers when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent. Do not apply this product in a way that will contact workers or other persons.

### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 product sold in nonrefillable containers:]*

**Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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.

*[Use the following for product sold in refillable containers:]*

**Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer container for recycling if available, or reconditioning if appropriate, or puncture and dispose of in sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

## CONDITIONS OF SALE AND WARRANTY

Dalian Bio-Chem Company Limited warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions as defined under the Directions for Use on this label. Dalian Bio-Chem Company Limited makes no other express or implied warranties, either of merchantability or fitness, for a particular use. Handling, storage, and use of the product by Buyer or User are beyond the control of Dalian Bio-Chem Company Limited and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow directions will be assumed by the Buyer or User. To the extent permitted by law, neither Dalian Bio-Chem Company Limited nor Seller shall be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product.

[Batch code]