



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

EPA Reg. Number:

103892-1

Date of Issuance:

12/16/25

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Calcium Hypochlorite 70%

Name and Address of Registrant (include ZIP Code):

David Swain
Agent for HuangHua Kaifeng Chemical Co., Ltd.
David.swain@srcconsultants.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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. 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.

Signature of Approving Official:

Demson Fuller, Product Manager 32
Regulatory Branch 1, Antimicrobials Division (7510P)

Date:

12/16/25

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 103892-1."
4. Submit one copy of the revised 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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. 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 01/23/2025

If you have any questions, please contact Fuller.Demson@epa.gov or Oiguenblik.Emilia@epa.gov.

Sincerely,



Demson Fuller, Product Manager 32
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: Stamped label

CALCIUM HYPOCHLORITE 70%

Calcium Hypochlorite

[For Use in Granular and Tablet Forms]

Active Ingredient:

Calcium Hypochlorite (CAS No. 7778-54-3)70%

Other Ingredients.....30%

Total.....100%

ACCEPTED

12/16/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 103892-1**Keep Out of Reach of Children****DANGER***{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}***First Aid**

If in Eyes	<ul style="list-style-type: none"> • 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 center or doctor for treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 9 a.m. to 5 p.m. After 5:00 p.m. call your poison control center at 1-800-222-1222.	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

*{Note: The first aid statements' grid format will be used if label space permits; otherwise a paragraph format will be used.}***See additional precautions [and Directions for Use] [on] [side] [back] [panel] [in] [attached booklet].**

EPA Reg. No. 103892-X

EPA Est. No. 103892-CHN-1

Net Weight: ____ lbs. (____ kg)

Batch Code: _____

Manufactured by:

HuangHua Kaifeng Chemical Co., Ltd.

Wangdaben Village, Lyqiao Town,

Huanghua City, Hebei Province, China

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Fatal if swallowed or if absorbed through skin. Do not get in eyes, on skin, or clothing. Wear goggles or face shield and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust. For additional protection of skin wear long sleeved and long pants. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Environmental Hazards

{For product in containers less than 50 pounds:}

This product is toxic to fish and aquatic organisms.

{For product in containers 50 or greater pounds:}

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or the Regional Office of the U.S. Environmental Protection Agency.

Physical or Chemical Hazards

STRONG OXIDIZING AGENT. Mix only with water. Use clean, dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, chlorine gas (and possible fire and explosion). In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood area with large volumes of water, if necessary.

{DOT Oxidizer Label}

Oxidizing

{Oxidizing and Corrosive Symbols}

Oxidizing - Corrosive

Calcium Hypochlorite - Hydrated

CAS 7778-54-3

U.N.N° 2880 RQ

{Denotes languages that does not appear on the market label}

[Denotes optional language]

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
[For Granular Form]

GRANULAR CONVERSION TABLE] *{Table optional - may be used for granular container labels}*

Use	ppm Chlorine Required	Granule Amount Required
Swimming Pool Water Disinfection (initial start-up and superchlorination)	5 to 10	10 oz. to 20 oz. (for 10,000 gallons)
Swimming Pool Water Disinfection (maintenance)	1.0 to 1.5	2 -3 oz. (for 10,000 gallons)
Winterizing Pools	3.0	0.6 oz. (for 1,000 gallons)
Spas/Hot Tubs (start-up and maintain)	5	0.5 oz. (for 500 gallons)
Spas/Hot Tubs (shock)	5	1.5 oz. (for 500 gallons)

SWIMMING POOL WATER DISINFECTION

Do not re-enter pool until the chlorine residual is at 4ppm due to risk of bodily harm.

For a new pool or spring start-up, superchlorinate with 10 to 20 oz. of this product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to achieve the available chlorine by weight between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device, 2 - 3 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. In stabilized pools maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, superchlorinate the pool with 10 to 20 oz. of this product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of the available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS

While water is still clear and clean, apply 0.6 oz. of this product per 1,000 gallons of water, while filter is running to obtain a 3.0 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

SPAS, HOT-TUBS, IMMERSION TANKS, ETC.

Spas/Hot Tubs

Do not re-enter spa/hot tub until the chlorine residual is at 5 ppm due to risk of bodily harm.

Apply 0.5 oz. of product per 500 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of this product.

To maintain the water, apply 0.5 oz of product per 500 gallons of water over the surface to maintain a chlorine concentration of 5 ppm. After each use, shock treat with 1.5 oz. of this product per 500 gallons of water to control odor and algae. During extended periods of disuse, add 1.5 oz. of product daily per 500 gallons of water to maintain a 3 ppm chlorine concentration.

[TABLET CONVERSION TABLE] {Table optional - may be used for tablet container labels}

Use	ppm Chlorine Required	# of 20 gram Tablets Required Conversion: 1 tablet = 0.7 ounces	# of 200 gram Tablets Required Conversion: 1 tablet = 7 ounces
Swimming Pool Water Disinfection (initial start-up and superchlorination)	5 to 10	15 to 29 tablets (for 10,000 gallons)	2 to 3 tablets (for 10,000 gallons)
Swimming Pool Water Disinfection (maintenance)	1.0 to 1.5	6 -9 tablets (for 20,000 gallons)	1 tablet (for 20,000 gallons)
Winterizing Pools	3.0	6 tablets (for 10,000 gallons)	1 tablet (for 10,000 gallons)
Spas/Hot Tubs (start-up and maintain)	5	1 tablet (for 500 gallons)	Not Applicable
Spas/Hot Tubs (shock)	5	2 tablets (for 500 gallons)	Not Applicable

SWIMMING POOL WATER DISINFECTION

For a new pool or spring start-up, superchlorinate with [15 - 29 tablets (20 gram)] [2 - 3 tablets (200 gram)] of this product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to achieve the available chlorine by weight between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device, [6 – 9 tablets (20 gram)] [1 tablet (200 gram)] of this product for each 20,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. In stabilized pools maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, superchlorinate the pool with [15 - 29 tablets (20 gram)] [2 - 3 tablets (200 gram)] of this product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of the available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS

While water is still clear and clean, apply [6 tablets (20 gram)] [1 tablet (200 gram)] of this product per 10,000 gallons of water, while filter is running to obtain a 3.0 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

SPAS/HOT-TUBS

Apply 1 tablet (20 gram) of product per 500 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of this product.

To maintain the water, apply 1 tablet (20 gram) product per 500 gallons of water over the surface to maintain a chlorine concentration of 5 ppm. After each use, shock treat with 2 tablets (20 gram) of this product per 500 gallons of water to control odor and algae. During extended periods of disuse, add 2 tablets (20 gram) of product daily per 500 gallons of water to maintain a 3 ppm chlorine concentration.

Discharge Directions for [Commercial] and [Residential] [Pool,] [Spa,] [Hot Tub,] and [Fountain] Uses
Before draining a treated [pool,] [spa,] [hot tub,] or [fountain] contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated [pool,] [spa,] [hot tub,] or [fountain] water to any location that flows to a gutter, storm drain or natural water body unless discharge is allowed by state and local authorities.

Storage and Disposal

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

Pesticide Storage: Keep this product dry in a tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all materials before discarding this container.

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. Never place unused product down any indoor or outdoor drain.

{for containers 50 pounds or less}

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Fill container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

{for containers more than 50 pounds}

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities. Do not contaminate food or feed by storage, disposal or cleaning of equipment.