



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

48737-6

Date of Issuance:

7/7/25

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

LUROLSHIELD AM-5772

Name and Address of Registrant (include ZIP Code):

Eliot Harrison
Goulston Technologies, Inc.
eharrison@lewisharrison.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:

Marcel Howard, Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

7/7/25

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

a. 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride GDCI-107401-1635

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): <https://www.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobials-division>

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

- Revise the EPA Registration Number to read, "EPA Reg. No. 48737-6."

4. 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 04/28/2025

If you have any questions, please contact Terria Northern via email at northern.terria@epa.gov.

Enclosure: Accepted label

ACCEPTED

07/07/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 48737-6

LUROLSHIELD AM-5772

A SILANE QUATERNARY AMMONIUM SALT

For Use by Manufacturers for Formulating Pesticide Products.

Effective Against Odor-Causing Bacteria and Bacteria which cause staining and discoloration

Also Effective against Algae

Can be Used as a Final Bacteriostatic Finish to Impart Bacteriostatic/Fungistatic activity

ACTIVE INGREDIENT:

3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride 74.3%

OTHER INGREDIENTS 25.7%

TOTAL 100.0%

CONTAINS OVER 12% METHANOL

KEEP OUT OF REACH OF CHILDREN



DANGER-POISON (PELIGRO-VENENO)

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 in detail.)

FIRST AID

Have the product container or label with you when calling a Poison Center or doctor, or going for treatment. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

If in eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing. • Call a Poison Control Center or doctor for treatment advice.
If inhaled:	• Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible • Call a Poison Control Center or doctor for treatment advice.
If in skin or clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a Poison Control Center or doctor immediately for treatment advice.
If swallowed:	• Call a Poison Control Center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a Poison Control Center or doctor. • Do not give anything by mouth to an unconscious person.

GENERAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday – Friday, 8:00 am – 12:00 pm Pacific Time; email: npic@ace.orst.edu; or web site: www.npic.orst.edu. For emergencies, call the Poison Control Center 1-800-222-1222.

{Manufactured For:}
Goulston Technologies, Inc.
P.O. Box 5025
Monroe, NC 28110
7/3/2025

EPA Reg. No. 48737-A (to be assigned)

EPA Est. No. _____

{Lot Number _____}

Net Contents: (5 gallon, 55 gallon, 275 gallon)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

DANGER-POISON. Corrosive. Methanol may cause blindness. Causes irreversible eye damage. Harmful if inhaled. Do not get in eyes or on clothing. Avoid contact with skin or clothing. Avoid breathing vapor or spray mist. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. Wear Long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves (Barrier Laminate, or Butyl Rubber ≥ 14 mils, or Nitrile Rubber ≥ 14 mils, or Neoprene Rubber ≥ 14 mils, or Polyvinyl Chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils). Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. **ENVIRONMENTAL HAZARDS:**

This pesticide is toxic to 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 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame

DIRECTIONS FOR USE:

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

For use by manufacturers in formulating pesticide products for use in industrial, institutional and residential locations for non-food contact applications. Formulators using this product are responsible for obtaining EPA registration of their formulated product and for providing any data needed to secure and maintain their product registration.

This product is registered for formulation into Antimicrobial Products or as a microbiostatic agent for material preservation.

- Antimicrobial product formulations containing LUROSHIELD AM-5772 MUP require approval by the US EPA for antimicrobial claims made. Formulators are responsible for satisfying registration requirements for their formulated products.
- For use as a microbiostatic agent for material preservation, neither this product nor articles treated with this product may state or imply any public health claims. Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152.25(a) if the intended use for incorporating this material into a treated article or substance is for the protection of the treated article or substance itself.

Applications:

Plastics, fiberglass, metals, glass, wood, ceramics, stone, natural materials, composites: Including air filters for furnaces, air conditioners, air purification devices, automobiles, and recirculating air handling systems; aquarium filters; automotive and vehicular parts; roofing materials (tiles, shakes, shingles, granules, stone, membranes, felt, underlayment and synthetic overcoats); building materials and components (including siding, wallboard, wood and wood composites, polymer composites, insulation

and non-food contact cabinetry); ceiling tiles; concrete and concrete products (including wet cast, dry cast, and self-consolidating concrete (SCC) containing Ordinary Portland Cement (OPC), and/or Granulated Ground Blast-furnace Slag (GGBS) and/or silica fume and/or fly ash and which can be precast or formed-in-place); paints and coatings; mastics and sealants; cementitious materials (including caulk, grout and cement and grout premixes); non-food contact conveyor and humidifier belts; non-food contact countertops; fiberglass ductboard for air handling systems; floor covering; flooring; general purpose (non-food contact) containers; furniture; bathroom and non-food contact kitchen hardware; mats; plumbing supplies and fixtures; sheet and formed glass; non-food contact sponges and mops; vacuum cleaner bags and filters; foam for packaging and cushioning in non-food contact applications.

Fibers, fabrics (natural and synthetic, woven and non-woven), leather and household materials (natural and synthetic): including buffer pads (abrasive and polishing); mattress cover pads, filling and ticking; threads; pillow covers; sheets; blankets; bedspreads; fiberfill for upholstery, recreational gear, quilts and pillows; curtains; draperies; carpet and carpet underlay; rugs; upholstery; towels; shower curtains; toilet tank and seat covers; wall covering fabrics and wallpaper (including vinyl) for non-food contact surfaces; umbrellas; fire hose fabric; non-woven disposable diapers; wiping cloths; pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties); apparel, including outerwear, sportswear, sleepwear, socks, hosiery, undergarments, gloves and uniforms; footwear (boots, shoes and components); sports equipment and athletic gear; cloth for sails, ropes, tents and other outdoor equipment; sand bags; tarps; awnings; file folders and binder covers; book covers; pictures. Laundry additive.

Coatings and Films: Non-food contact uses in industrial and household products such as, water-based paints and coatings, paper and wood coatings, paints and coatings used for architectural product finishes and special purpose coatings, such as adhesive coatings, aqueous caulks and sealant coatings, epoxy and polyurethane coatings.

Miscellaneous Manufactured Products: disposable foam cushions for Lapidus Airfloat Systems; foam used as a growth medium for non-food crops and plants.

LUROSHIELD AM-5772 can be used as a final bacteriostatic finish to impart bacteriostatic/fungistatic activity.

Apply the product to organic and inorganic surfaces as a dilute aqueous solution to give 0.1 to 1.0 percent by weight of active ingredient. Aqueous solutions are prepared by simply adding the antimicrobial agent to water with stirring. NOTICE: Poor agitation when adding this silane to water can result in locally high concentrations, which may form gel particles. Surfaces are to be treated with the aqueous solution by brushing, dipping, padding, soaking, spraying or fogging until adequately wet, or applying by foaming techniques. After applying treatment, the surface must be allowed to dry at temperatures from ambient to a maximum of 160°C (320° F) to effect complete curing of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Curing of polymer is accelerated or enhanced with heat or catalysis. For each application, determine optimum application and drying conditions, such as time and temperature before use. If desired, reapply the product if odor, staining and discoloration due to bacteria, mold or mildew occur.

For incorporated use as a grout or cement additive and in concrete and concrete products, add the product directly to the dry mix during the grout, cement, or concrete preparation. Use —0.48-1.9 fluid ounces of the product per 50 pounds of dry mixture. For concrete applications, use —6.2-31 fluid ounces of the product per cubic yard of concrete. Follow directions for grout or concrete, using the product as part of the added water. Addition of the product inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, and algae on the surface of the cured grout and concrete.

TREATED INTERMEDIATES/CONCENTRATES (Not approved for use in California)

This product is a pesticidal additive that protects treated intermediate manufacturing/industrial products and treated manufacturing/industrial products from the growth of bacteria.

MAXIMUM CONCENTRATION: For use in manufacturing/industrial intermediates at active ingredient

levels up to 50% on a weight basis for further processing in an industrial environment into finished products. This dosage applies only to intermediate manufacturing/industrial uses. It does not apply to active ingredient concentrations in consumer finished products. The intermediate treated concentrate must be used in proportion to other inputs in the manufacture of treated articles entering commerce so that the final concentration of this product does not exceed the application rate of 0.96% on a weight basis in the consumer finished product articles to be preserved.

Specific materials: Polyester, silicones, polyethyleneimine, epoxy, emulsifiers, polyamides, ethoxylates, polyacrylic polymers, plasticizers (including epoxidized soybean oil, phthalate and non-phthalate plasticizers), latex, polyurea, polyurethane, polyaspartic, surfactants, quaternary ammonium compounds, stain release, stain repellents, water repellents, soil releasing agents, softeners, antistatic agents, moisture management agents, viscosity modifiers, film builders, sealants, antirust agents, flame retardants, lubricants, UV curable coatings, metal oxides, stabilizers.

Note: Methanol is released during mixing, application and drying. If desired, methanol removal may be accelerated by heating dilute solution before treatment of substrate. Appropriate measures should be taken to prevent the accumulation of hazardous concentrations of methanol vapors in the work area.

STORAGE AND DISPOSAL:

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

Storage: Store in original, tightly closed container at or below 25°C (77°F). Moisture sensitive. Keep container tightly closed when not in use.

5 Gallon packages:

Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use.

Reclose tightly after each use. Do not reuse container. Discard in trash.

Pails and Drums:

STORAGE: Store in original, tightly closed container in an area inaccessible to children and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use.

PESTICIDE DISPOSAL: Pesticide is acutely hazardous. Pesticide wastes are toxic. 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.

Triple rinse container promptly after emptying.

For pails: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. 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.

For drums: 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

CONTAINER HANDLING: NONREFILLABLE CONTAINER. Do not reuse this container. Triple rinse promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Goulston Technologies, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in the labeling when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to written instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. **Goulston Technologies, Inc. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.**