



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

EPA Reg. Number:

100312-1

Date of Issuance:

11/18/21

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

ASN Guard 3690 Antibacterial Concentrate

Name and Address of Registrant (include ZIP Code):

ASN Technologies Pte. Ltd.
 C/O Spring Regulatory Sciences
 60 Paya Lebar Road
 #10-08 Paya Lebar Square
 Singapore, 409051

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.

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:

E. Miederhoff
 Eric Miederhoff
 Product Manager 31
 Regulatory Management Branch I
 Antimicrobials Division (7510P)
 Office of Pesticide Programs

Date:

11/18/21

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

GDCI-107403-1627

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.
3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 100312-1.”
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 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.

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 04/08/2021

If you have any questions, you may contact Mohammad Alavi at (703) 347-0522, or via email at Alavi.mohammad@epa.gov.

Enclosure

[Denotes Optional Text]
{Denotes Notes to EPA Reviewer}
{Front Panel start}

ACCEPTED
11/18/2021
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 100312-1

ASN GUARD

3690 ANTIBACTERIAL CONCENTRATE

{Alternate Name Brand(s):
ASN GUARD 3690 CONCENTRATE
ASN GUARD ANTIBACTERIAL COATING CONCENTRATE
ASN GUARD ANTIBACTERIAL COATING 5%
ASN GUARD 3690 ANTIBACTERIAL COATING CONCENTRATE
}

A Silicone Quaternary Ammonium Salt
This product does not protect users or others against
food-borne or disease-causing bacteria.

Active Ingredients:

3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride	5.0%
Other Ingredients	<u>95.0%</u>
Total	100.00%

KEEP OUT OF REACH OF CHILDREN
WARNING

Net Contents: _____
Lot No.: _____

Manufactured by:
ASN Technologies Pte. Ltd.
60 Paya Lebar Road,
#10-08 Paya Lebar Square,
Singapore 409051

EPA Reg. No. 100312-X EPA Est. -XX-X

{End Front Panel}

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 first 5 minutes, and then continue rinsing. • Call a Poison Control Center or doctor for treatment advice.
Have product container or label with you when calling Poison Control Center or doctor, or going for treatment.	

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS.**

WARNING: CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. Do not get in eyes or on clothing. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. 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.

PRODUCT FEATURES AND BENEFITS

ASN GUARD 3690 Antibacterial Concentrate imparts durable bacteriostatic activity to the surface of a wide variety of substrates. ASN GUARD 3690 Antibacterial Concentrate is effective against odor causing bacteria, staining and discoloration caused by bacteria, mold, mildew and algae as a static agent. Increased efficiency – through proper application, durable bacteriostatic, fungistatic and algistatic surfaces can be attained with a minimum amount of ASN GUARD 3690 Antibacterial Concentrate . Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

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.

Every effort should be made to contain accidental spills of powder to the immediate area. Many spills may be cleaned up alone or with sand or absorbent materials by sweeping and collection in a waste bin. The material may then be disposed of by incineration or landfill.

Inactivation of solutions containing ASN GUARD 3690 Antibacterial Concentrate may be accomplished by addition of an anionic surfactant, or detergent in quantity equivalent to that of ASN GUARD 3690 Antibacterial Concentrate in solution.

DIRECTIONS FOR USE

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

FOR COMMERCIAL APPLICATIONS IN HOMES, OFFICES, AUTOMOBILES AND INSTITUTIONS AND FOR INDUSTRIAL USE ONLY, this product is registered as a microbiostatic agent for material preservation; neither this product nor the 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 article or substance itself. Not for use on food contact surfaces.

APPROVED USES: ASN GUARD 3690 Antibacterial Concentrate may be applied to or incorporated into manufactured products listed below for use in industrial, institutional, commercial or residential locations for non-food contact uses

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, insulation and non-food contact cabinetry); ceiling tiles; concrete products; paints and coatings, thin films, 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; 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.

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; pillow covers; sheets; blankets; bedspreads; fiberfill for upholstery, apparel, 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 for non-food contact surfaces; pre-moistened towelettes for non-food contact surfaces 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; book covers; pictures.

HOW TO USE:

MSDS INFORMATION: BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET CAN BE OBTAINED BY WRITING TO ASN TECHNOLOGIES PTE. LTD OR BY CALLING +65-96617496. A MATERIAL SAFETY DATA SHEET FOR A TYPICAL USE DILUTION AQUEOUS SOLUTION IS ALSO AVAILABLE.

Wear goggles or face shield, protective clothing, and rubber gloves when handling the material. Use with proper ventilation.

ASN GUARD 3690 Antibacterial Concentrate can be incorporated into or applied onto organic and inorganic substrates. ASN GUARD 3690 Antibacterial Concentrate can be used to give a treatment 0.01 to 1.0 percent by weight of active ingredients. ASN GUARD 3690 Antibacterial Concentrate is a ready to use formulation and in most cases can be used as is without dilution.

However, aqueous solutions of lower concentrations can be prepared for surface treatment by simply adding ASN GUARD 3690 Antibacterial Concentrate to water with stirring. NOTICE: Poor agitation when adding this silane to water can result in locally high concentrations. This process can be sped up by adequate stirring of the mixture. Surfaces can 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 should 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 or solvents. Curing of may be 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 ASN GUARD 3690 Antibacterial Concentrate if odor, staining and discoloration due to bacteria, mold or mildew occur.

Incorporate ASN GUARD 3690 Antibacterial Concentrate directly into formulations used to make end-use products, or dilute with water or alcohol and then apply it to the organic and inorganic surfaces to give 0.01 to 1.0 percent by weight of active ingredient.

STORAGE AND DISPOSAL

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

STORAGE: Store in original, tightly closed container in an area inaccessible to children and away from food or feed. ASN GUARD 3690 Antibacterial Concentrate is moisture sensitive. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25°C (77°F).

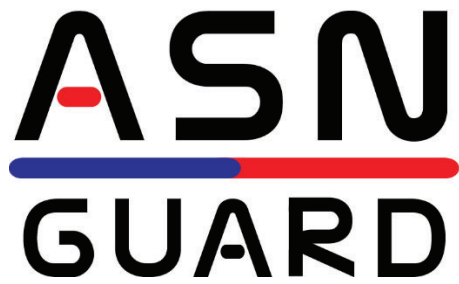
PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Non-Refillable Metal Container-Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling if available or reconditioning if appropriate or puncture and dispose in sanitary landfill, or by other procedures approved by state or local authorities. **Non-Refillable Plastic Containers**-Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling if available or reconditioning if appropriate or puncture and dispose in sanitary landfill, or if allowed by state or local authorities, by burning. If burned, stay out of smoke. **Non-Refillable Glass Containers**-Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling if available or dispose in a sanitary landfill, or by procedures approved by state and local authorities.

NOTICE: ASN TECHNOLOGIES PTE. LTD. 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. ASN TECHNOLOGIES PTE. LTD. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

Optional Images:

[



]

{Label version date: 10/21/2021}