



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**WASHINGTON, D.C. 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

Arkansas Department of Agriculture  
1 Natural Resources Drive  
P.O. Box 1069  
Little Rock, AR 72205

**Date:** January 19, 2021  
**Expiration Date:** August 24, 2021  
**Report Due:** February 24, 2022  
**File Symbol:** 21AR01

**Attn:** Ms. Brandi Reynolds and Mr. Scott Bray

The U.S. Environmental Protection Agency (EPA) hereby authorizes a public health exemption under the provisions of section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) to the Arkansas Department of Agriculture (ADA) for use of 1-octadecanaminium,N,N-dimethyl-N-[3-(trihydroxysilyl)propyl],chloride (CAS# 199111-50-7) on non-porous, non-food-contact surfaces to control the novel coronavirus (Severe Acute Respiratory Syndrome Coronavirus 2 or SARS-CoV-2), for use at 4 American Airlines aircraft and airport facilities in Arkansas.

Except as noted below, this exemption is subject to the conditions set forth in your request dated November 17, 2020, **as well as the revised label received January 19, 2021.**

- 1) The ADA is responsible for ensuring that all provisions of this public health exemption are met. The ADA is also responsible for providing information in accordance with 40 CFR 166.32(b). Accordingly, a report summarizing the results of this program must be submitted to EPA Headquarters and the appropriate EPA Regional office within 6 months following the expiration of this exemption, or prior to requesting a subsequent exemption for the use. Additionally, in accordance with 40 CFR 166.32(a), these offices shall also be immediately informed of any adverse effects resulting from use of this pesticide in connection with the exemption use. Any future correspondence regarding this exemption should refer to file symbol 21AR01.
- 2) The unregistered product, *SurfaceWise*<sup>®</sup>2 (0.75% 1-octadecanaminium,N,N-dimethyl-N-[3-(trihydroxysilyl)propyl],chloride) manufactured by Allied BioScience, Inc., may be used under this exemption. All applicable use directions, restrictions, and precautions on the Section 18 label as revised January 19, 2021 must be followed unless otherwise modified in this authorization.

- 3) *SurfaceWise*<sup>®2</sup> is ready-to-use and must be applied by an electrostatic sprayer. The sprayer must be set to apply approximately 1.0 gallon of product per hour (1.0 oz. a.i. per hour), which is sufficient to treat 3,200 square feet of surface area per hour.
- 4) Application of *SurfaceWise*<sup>®2</sup> is for indoor use only, to non-porous, non-food-contact (e.g. galley carts) surfaces in aircraft and at airport facilities owned or controlled by American Airlines, in Arkansas. Refer to the label for a complete list of locations where this use is allowed.
- 5) Prior to application of *SurfaceWise*<sup>®2</sup>, surfaces must be pre-cleaned with a low residue cleaner to eliminate visible dirt or grease spots. This will ensure effective binding of the coating to the surface. Reapply *SurfaceWise*<sup>®2</sup> after surfaces are disinfected to ensure continuous product performance.
- 6) All indoor areas to be treated are to be unoccupied by individuals, other than the trained applicators, while treatment is occurring. The applicator is to spray all surfaces from a distance of 24-36 inches to the point of saturation, being careful not to let the liquid start to drip from the treated surface. A sheen will be present on the surface following treatment.
- 7) All surfaces treated with *SurfaceWise*<sup>®2</sup> must completely air-dry (approximately 10 minutes) prior to handling. Aircraft and airline facilities may be re-entered once the surfaces are completely dry.
- 8) When used in accordance with the directions for use, *SurfaceWise*<sup>®2</sup> provides residual surface control of human coronaviruses, including SARS-CoV-2, for up to 30 days on non-porous, undisturbed surfaces (e.g., are not routinely disinfected with products listed under List N: Disinfectants for use against SARS-CoV-2, <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>).
- 9) Do not use *SurfaceWise*<sup>®2</sup> on porous surfaces. Do not expose *SurfaceWise*<sup>®2</sup> to prolonged wetness as this may adversely impact the efficacy of the product. Refer to the label directions for specific application practices and conditions.
- 10) *SurfaceWise*<sup>®2</sup> is not for private use and may only be distributed or sold to American Airline authorized users.
- 11) Prior to allowing use, the ADA, American Airlines, and Allied BioScience will coordinate training for users in the application of *SurfaceWise*<sup>®2</sup> by electrostatic sprayer. Application is only allowed by users trained and authorized by Allied BioScience or American Airlines, or by those under the direct supervision of a trained and authorized user.
- 12) The ADA will coordinate with Allied BioScience to communicate with local officials that *SurfaceWise*<sup>®2</sup> will only be available to American Airlines and its equivalent in Arkansas only under this emergency exemption authorization.

- 13) Stocks of the unregistered product *SurfaceWise*<sup>®2</sup> may be produced and introduced into the channels of trade as part of this emergency exemption authorization in accordance with 40 CFR 152.30(e). Any unused, unregistered product must either be returned to the manufacturer or distributor (unopened containers) or disposed of in accordance with applicable Federal, State, and local waste disposal requirements following the expiration of this emergency exemption.
- 14) This public health exemption will expire on August 24, 2021.
- 15) Issuance of this emergency exemption does not constitute an endorsement of any product or service.

This product does not meet EPA's efficacy standards to qualify as a stand-alone disinfectant. Always follow SARS- CoV-2 risk mitigation guidelines issued by Federal, State and local public health officials for the airline industry and associated airline facilities. *SurfaceWise*<sup>®2</sup> should not be used as a stand-alone treatment for risk mitigation, rather it is a supplemental treatment to be used in conjunction with routine use of List N disinfectants and current public health guidelines. Use List N disinfectants according to their labels. See Directions for Use for specific details regarding criteria for use of this product.

If you or your staff have any questions with respect to this authorization document, please contact Emergency Response Team Member Andrea Conrath at 703.308.9356; [conrath.andrea@epa.gov](mailto:conrath.andrea@epa.gov), or the Emergency Response Team Leader Tawanda Maignan at 703.308.8050; [maignan.tawanda@epa.gov](mailto:maignan.tawanda@epa.gov).

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Marietta Echeverria, Acting Director  
Registration Division  
Office of Pesticide Programs

Date: January 19, 2021

cc: *Jeffrey Lammers, USEPA Region 6*  
*Robert Luschek, USEPA Region 6*