



Date: March 30, 2020

**RE: Cleaning and/or Disinfecting**

Dear Valued Customer,

This letter provides a summary of disinfecting (Table 1) or cleaning and disinfecting (Table 2) solutions that have been evaluated for use during normal usage conditions on 3M™ Scott™ facepieces listed in Appendix 1, negative pressure adapters and mask mounted regulators (MMR). Testing has been completed at the concentrations and dwell times recommended by the chemical supplier or U.S. Occupational Safety and Health Administration (OSHA) as applicable. Cleaning instructions provided in the respirator *User Instructions* were followed while using the materials referenced in Tables 1 and 2. The respirator components were found to be unharmed by the below listed materials.

3M Scott relies on the expertise of the US Centers for Disease Control and Prevention (CDC), US Environmental Protection Agency (EPA) and disinfectant manufacturers with respect to microbiological efficacy and has not evaluated the effectiveness of these agents with regards to inactivating pathogens on 3M Scott equipment. Monitor information updates and follow user instructions provided by equipment and cleaner and/or disinfectant solution manufacturers.

Respirator components may experience detrimental effects over time with prolonged or extended use of disinfecting products. Do not exceed the concentration and dwell time mentioned in the disinfectant manufacturer's user instructions. Respirator components must be thoroughly rinsed with clean warm water following cleaning and/or disinfecting. Users must inspect their respirator prior to re-use as directed in the respirator *User Instructions*. If you discover any signs of damage, remove the facepiece, adapters or MMR from service and either discard and replace or repair as appropriate, following the guidance in the User Instructions.

**Table 1:** Tested Disinfecting Solutions

Product Name	Supplier	Availability
Wescodyne® (West Penetone Canada, 2020) (Couillard, 2020)	West Penetone Canada	Canada
Hypochlorite solution (29CFR1910.134 App B-2)	Household bleach	United States and Canada
Aqueous solution of iodine (29CFR1910.134 App B-2)	Tincture of iodine	United States and Canada

**Table 2:** Tested Cleaning and/or Disinfecting Solutions

Product Name	Supplier	Availability
HYPERQUAT® (Lalema, 2020)	Lalema	Canada
FG-350 Fresh-Gear® (Georgia Steel Company, 2020)	Georgia Steel & Chemical Company	United States and Canada

**Appendix 1: 3M Scott Facepieces**

- 3M Scott AV-2000 Facepiece
- 3M Scott AV-3000 Facepiece
- 3M Scott AV-3000 with SureSeal™ Facepiece
- 3M Scott AV-3000 HT Facepiece
- 3M Scott Weld-O-Vista Facepiece

## Glossary of Terms

**Cleaning:** Removal of soil (organic and inorganic) and foreign material from objects and surfaces. This is typically accomplished with water and mechanical action. Detergents may be used to assist the process.

**NOTE:** Failure to remove foreign soil and material (face oils, etc.) from an object can make the disinfecting process ineffective.

**Disinfecting:** A process of inhibiting or destroying disease-producing microorganisms (but may not kill bacterial spores). It usually involves the use of chemicals, heat, and/or ultraviolet light and is divided into three categories: high, intermediate and low-level disinfection.

**Dwell time:** For the purposes of this document, dwell time and contact time have the same meaning when referring to the length of time that a disinfecting solution remains in contact with a respirator facepiece.

**Before using any of the chemicals or information detailed herein, you must evaluate it and determine if it is suitable for your intended use. You assume all risks and liability associated with such use. 3M Scott makes no warranties relating to the efficacy of any of the products detailed herein in preventing the spread and/or contraction of disease. 3M Scott will not be liable for any loss or damage arising from any information contained herein, whether direct, indirect, special, incidental or consequential, regardless of the legal or equitable theory asserted, including warranty, contract, negligence or strict liability.**

**Technical information provided by 3M Scott is based on experience and/or test data believed to be reliable, but the results may not be relevant to every user's application. For this reason, 3M Scott does not accept any responsibility or liability, direct or consequential, arising from reliance upon any information provided. The user should determine the suitability of any disinfectant product for compatibility for use with 3M Scott products.**

**If you have any questions or concerns, please contact your local 3M Scott representative or Technical Service at 800-243-4630.**

Please feel free to contact us if you have any further questions.

Sincerely,  
3M Personal Safety Division

## References:

Occupational Safety and Health Administration, 29 Code of Federal Regulations 1910.134 - Respiratory Protection, Appendix B-2 - Respirator Cleaning Procedures.

3M Scott Safety. (2020, 3 18). *Documents & Media*. Retrieved from 3M Scott Download:

<https://www.3m-scott.com/download/air-pak-x3-pro-cleaning-and-disinfecting-instructions/>

Georgia Steel Company. (2020, 03 18). FG350-G *Single Gallon Disinfectant*. Retrieved from Georgia Steel Co Products:

<https://georgiasteelco.com/products/fg350-g>

Lalema. (2020, 03 18). *Fragrance Free Neutral Disinfectant Cleaner HYPERQUAT*. Retrieved from Lalema Product:

<https://www.lalema.com/product/fragrance-free-neutral-5th-generation-disinfectant-cleaner-113>

West Penetone Canada. (2020, 03 18). *WESCODYNE*. Retrieved from West Penetone :

<http://westpenetone.com/en/items/wescodyne/>

## Personal Safety Division

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3M PSD products are intended for occupational use only.

### In the United States of America

Technical Service: 1 (800) 243-4630

Customer Service: 1 (800) 328-1667

[3M.com/workersafety](https://www.3m.com/workersafety)

### In Canada

Technical Service: 1 (800) 267-4414

Customer Service: 1 (800) 364-3577

[3M.ca/safety](https://www.3m.ca/safety)