



Purpose

This document highlights the maintenance of Gill™ face mask respirators over its lifetime, for all sizes available.

Storage

Gill™ can be stored in any environmental conditions without damage. It is recommended to clean the components after a long period without utilization.

Cleaning procedure

We recommend performing the cleaning procedure before usage or storage. Before cleaning, remove the filter from the cartridge.

For **normal** cleaning:

- a. Clean Gill™ respirator and its cartridge by:
 - i. Dipping components in warm water with a cleaning solution (see below*), or
 - ii. Submerging components in boiling water for 2 minutes.
- b. Rinse components thoroughly in clean and warm water.
- c. Drain the water from the components.
- d. Hand dry the components with a clean lint-free cloth or let them dry on a clean surface.

For **thorough** cleaning, the following actions can be added to the Normal cleaning procedure:

- a. Before cleaning, you may use a stiff bristle (not wire) brush to facilitate the removal of dirt.
- b. Before cleaning, you may disassemble the Silicone Facepiece of Gill™ respirator by removing it from the main casing. Perform the cleaning procedure on components before reassembling Silicone Facepiece with the main casing.

Inspect visually and test the respirator to ensure that all components work properly.

*Cleaning solution

Gill™ may be cleaned in a mild detergent or a disinfectant in water. (Please follow the instructions recommended by the manufacturer). Alternatively, the below cleaning solutions may be used:

- a. Hypochlorite solution (50 ppm of chlorine) made by adding approximately one millilitre of laundry bleach to one litre of warm water, or
- b. Aqueous solution of iodine (50 ppm iodine) made by adding approximately 0.8 millilitres of tincture of iodine (6-8 grams ammonium and/or potassium iodide/100 cc of 45% alcohol) to one litre of warm water.



Other cleaning methods

Gill™ respirator may be used in different operating environments. Different methods of cleaning and disinfecting may be required. Below are some methods that will not affect the efficacy of this product.

- Alcohol Wipe (70% Alcohol v/v)
- UVGI (0.5-1.8 J/cm²)
- Vaporous Hydrogen Peroxide (VHP)

Warnings

Gill™ materials have been chosen to sustain 120°C without any damage. Beyond this point, deformation may occur.

Detergents or disinfectants that dry on facepieces may result in skin issues. Please refer to the manufacturer recommendations.

Do not use if any parts are torn and defective after cleaning.

Product Disposal

Gill™ respirator is made of recyclable material. Please consult your local authority for information regarding disposal and recycling.

Company information:

Website

www.gillmask.com

Product owner



Mdesign Global Pte Ltd
79 Ayer Rajah Crescent, #02-07 Singapore 139955