

Gas Extraction Suit

Storage, Use, Care, & Maintenance



STORAGE

In order to avoid color fading and lost of strength the garments should not be stored under direct sunlight or other Ultraviolet (UV) light sources; heat and flame protection, however, will not be lost by the influence of UV radiation. PPE has to be stored in dry and dust free conditions. During a long lifetime of PPE a high degree of responsibility is needed by the user to check regularly the functionality of all layers of PPE, and to remove it from service if necessary.



IMPORTANT WARNING

This product does not provide insulation from electric shock or arc flash. This product when properly selected and worn, is designed to provide protection from burn injuries resulting from severe or prolonged fire hazards. General suit specifications are listed below.

MAINTENANCE

All garments should be returned to the manufacturer to insure that the repairs are done properly. It is important that damaged fabric be repaired or replaced with same fabric and that all stitching be done with FR threads. Repairs done with other fabrics or flammable fabrics would likely negatively impact the protection offered by the garments.

CARE

GARMENTS/FABRIC

Washing any flame resistant fabric with bleach can be a problem. Bleach, whether chlorine or oxygen (hydrogen peroxide), can impact the strength of Aramid fibers after garments are washed 50 or more times. To avoid these problems Oberon recommends the use of a mild but effective detergent that does not contain any chlorine or oxygen bleach.

WASHING PROCEDURES

Fabric may be either washed or dry cleaned. Garments shall be washed or cleaned separately from any other clothing in order to avoid sediments of unknown fibers which may reduce the protection properties. Especially the hook part of hook & loop fasteners may affect the surface of clothing during washing procedures and may create unwanted pilling. It is therefore recommended to cover carefully all hook & loop fasteners before washing. This can be done either by closing of all fasteners or by covering of the fasteners with corresponding counterparts.

DETERGENTS

To insure optimal performance of Aramid or FR Treated fabric garments, the recommended

- Liquid is best for oil and grease
- Powder is best for mud and clay

At the time of this document, Ivory Snow contains neither chlorine bleach, oxygen bleach, nor fabric softeners. FR garments should not be washed with fabric softeners because fabric softeners can leave a flammable film on the fabric. While there are other detergents without bleach or fabric softeners, Ivory Snow is the one detergent that is very clear in their practice of maintaining a mild and effective detergent without all the additives.

FAQ FREQUENTLY ASKED QUESTIONS

- Amount of Detergent - see label on bottle or box of Ivory Snow for recommendation
- Washing Machine - Top or Front loading (front loading is preferred)
- Water Temperature -120 degrees Fahrenheit - COLD or WARM cycle, NOT hot)
- pH - controlled at the correct level by the detergent

Do NOT use prewash agents, fabric softeners nor extra cleaning agents such as Oxy-Clean, 30 Mule, Team, Borax, etc.

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SEQUENCE OF WASHING

- 1) add water into washer
- 2) add Ivory Snow
- 3) then add garments

IVORY SNOW

For additional questions about Ivory Snow, call Proctor and Gamble customer relations at 1-800-846-SNOW (1-800-846-7669) or visit www.pureivorysnow.com.

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WASHING TEMPERATURE

Main washing at temperatures up to 40°C with a washing bath relation of 1:10.

RINSING

After washing PPE shall be rinsed carefully in order to delete all remains of alkaline and/or possibly flammable residues of the detergent. It may take 2-3 rinsing cycles.

DRYING

Garments may be spin-dried and dried in a cylinder drying machine with low or normal temperatures until remaining humidity level of 10%-20% is achieved.

IRONING

Garments may be ironed with the highest temperature (3 points) without steam.

DRY (CHEMICAL) CLEANING

Chemical drying is recommended when clothing becomes very dirty by e.g. oil or grease. Dry cleaning shall be done according to the care labeling by usual 2-bath procedure. Boosters should only be used in extreme situations and only with reduced mechanism. Dry cleaning shall only be executed by experts. Before PPE is re-used it shall be completely free of solvents. Therefore the clothing should ventilate for at least one day after being cleaned.

PLEASE FOLLOW THE INSTRUCTIONS ON THE CARE LABEL WHICH IS SEWN INSIDE OF THE PPE.

DISPOSAL

These garments are not hazardous waste and therefore may be disposed either on dumps or in destructor stations. Contaminated clothing, however, may be hazardous waste depending on the type of contamination. When properly cleaned, removed PPE may be recycled. If there are any further questions regarding use or maintenance of our PPE, please do not hesitate to contact us.

If there are any questions regarding any of this information, please contact your supervisor, safety officer or contact Oberon Technical Support.

GES8™ Gas Extraction Coverall

Use this **Coverall** with suitable **Balaclava Hood and SCBA**


Tested according to the ASTM F1930 Flash Fire instrumented mannequin standard test method

79% Aramid, 21% Melamine

Caution
Flammable contaminants will reduce the thermal performance of any flame resistant garment. Wash garment to ensure that no greases, oily soils or other flammable contaminants are present when garment is worn. Repairs to the garment must be made with the same thread and fabric.

Do not reuse this product after a flash fire exposure

Washing Instructions



Fabric: **WASH** – Wash this garment separately from other types of garments or fabrics. Use warm water & mild detergent. **DO NOT** use detergents or additives containing (or creating) chlorine bleach or oxygen bleach (example: Hydrogen Peroxide) or enzymes. Do not use soap or fabric softeners. Do not wring dry.

DRY – Tumble dry low heat and remove immediately. Do not iron. Garment can be dry cleaned. Do not use disinfectants

Important Warning
For Flash Fire Applications, this coverall does not provide a barrier from gases. Not for Electric Arc Flash applications
This garment is designed to reduce burn injury in the event of a Flash Fire. Testing, conducted according to ASTM F1930, indicates up to 8 seconds for the individual wearing this coverall to escape or be pulled out of fire exposure. User must wear/use a harness, retrieval line, balaclava hood, SCBA, gloves and heavy duty leather boots. Real accident conditions will vary from laboratory testing. User should do a hazardous assessment before using this or any safety equipment.
Coverall that are equipped with a harness port should be used with the harness under the coverall. Connect retrieval line through port in back of coverall. Use SCBA. Use Oberon balaclava hood.

Remember
Always perform a hazardous assessment to determine the potential hazard and the suitable safety equipment for the task or application.