

## **Cleaning guide for decontamination of some PPE used by fire brigades**

### **Cleaning of breathing apparatus without breathing masks in PPE dishwashers**

Preparations: Prepare the breathing apparatus according to manufacturer's instructions before cleaning  
Product: FFE Cleaner + SRP Defoamer  
Method: Cleaning in specially built PPE dishwasher (spray washer) for cleaning of breathing apparatus  
Dosing: 1 % up to 3 % for heavily soiled (contaminated) equipment + 0.1 – 0.15 % SRP Defoamer  
Temperature: Cleaning and rinsing water temperature 60° C  
Cleaning time: 20 minutes up to 60 minutes (excluding time for rinsing)  
Pre-treatment: Spray FFE Cleaner concentrate on the breathing apparatus 3 - 5 minutes before cleaning in PPE Dishwasher (or manual cleaning and rinsing)

**Note! Do not let the product dry in on surfaces to be cleaned**

### **Cleaning of breathing masks in washing machines**

Preparations: Prepare breathing masks according to manufacturer's instructions before cleaning  
Products: FPG Wash + FPG Washing bags + Lejon Kemi washing programme for breathing masks  
Method: Breathing masks are placed inside specially designed washing bags and washed in washing machines with a washing programme from Lejon Kemi for cleaning of breathing masks.  
Dosing: 0.4 – 0.6 % calculated on the amount of water (depending on water hardness)  
Temperature: 50° C (Maximum during washing and rinsing)  
Washing time: Approximately 1 hour 20 minutes (depending on brand and model of washing machine etc.)  
Drying: Follow breathing mask manufacturer's instructions for drying breathing masks after cleaning.  
Empty washing bags can be centrifuged and dried at 60° C.  
Disinfection: See separate instructions for use of Cleanox for disinfection of masks manually or in washing machines

### **Cleaning of fire protective clothing (turn out gear)**

Preparations: Follow the manufacturer's instructions for cleaning/washing  
Product: FPG Wash  
Method: Cleaning in washing machines  
Programme: Select Lejon Kemi programme for heavily soiled turn out gear and at 60° C if possible  
Dosing: See label. (Dosing depending on water hardness)  
Temperature: Max 60° C (Follow the manufacturer's instructions for maximum cleaning temperature)  
Washing time: Approximately 1 hour – 1.5 hours (depending on selected machine model, washing programme etc.)  
Drying: Follow the manufacturer's instructions for drying temperature etc.

### **Impregnation of fire protective clothing (turn out gear)**

Preparations: Wash and rinse the turn out gear carefully before impregnation  
Product: SPC Impregnant  
Method: Impregnation in washing machines  
Programme: Select programme for impregnation of turn out gear  
Dosing: See instructions on labels  
Temperature: Max 40° C (to max 60° C)  
Time: Approximately 20 – 30 minutes  
Drying: Follow the manufacturer's instructions for drying. (max 60° C)

**Note! It is important that the garments are free from residues of detergents before impregnation**

**For safe and efficient use of the products please read information on labels, product data sheets and material safety data sheets.**

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