

Instructions for cleaning and disinfecting of full face masks of MSA by hand

1. Devices and full face masks:

The full face masks of MSA AUER GmbH, Berlin, listed in table 1 can be cleaned and disinfected by hand in a sink using the following liquid cleaning and disinfectant agents AUER 90 / Incidur®, and Incidin® Rapid of the producer ECOLAB® Deutschland GmbH respectively.

Table 1: Face pieces of MSA suitable for cleaning and disinfecting by hand:

Full face masks from series	Full face mask, model	Full face masks for mask/helmet combinations from series
<ul style="list-style-type: none"> • 3S • 3S PF • 3S PS • 3S PS MaXX • 3S PF ESA • Ultra Elite PF • Ultra Elite PS • Ultra Elite PS MaXX • Ultra Elite PF ESA • Advantage 3100 	<ul style="list-style-type: none"> • 3S Basis • 3S Basis with speech diaphragm • 3S Basis Plus 	<ul style="list-style-type: none"> • MSA-H/F1 negative pressure • MSA-H/F1 positive pressure • MSA-H/HPS negative pressure • MSA-H/HPS positive pressure • MSA-H/Supra negative pressure • MSA-H/Supra positive pressure • MSA 3S-H/Heros xtreme negative pressure • MSA 3S-H/Heros xtreme positive pressure • MSA Ultra Elite-H/Heros xtreme negative pressure • MSA Ultra Elite-H/Heros xtreme positive pressure • MSA-H/F1 2008 negative pressure • MSA-H/F1 2008 positive pressure

2. Important information for cleaning and disinfecting by hand

1. Application	<p>Prepare disinfectant by diluting with water (max. 30° C) with the desired concentration. Immerse masks completely into the solution and look for a consistent wetting during the total residence.</p> <p>Effective against bacteria (inclusive MRSA) and yeasts. Limited virucidal (inclusive HIV, HBV, HCV) as well as effective against Adeno- and Rotavirus.</p>																																							
2. Concentration / Duration	<p>AUER 90 / Incidur®</p> <table border="1" data-bbox="517 611 1393 741"> <thead> <tr> <th></th> <th>Concentration %</th> <th>Concentration ml/l</th> <th>Contact time (h)</th> </tr> </thead> <tbody> <tr> <td>Standard disinfection</td> <td>1,5</td> <td>15</td> <td>½</td> </tr> <tr> <td>against HIV</td> <td>2,0</td> <td>20</td> <td>¼</td> </tr> <tr> <td>TBC-prophylaxis</td> <td>1,0</td> <td>10</td> <td>1</td> </tr> <tr> <td></td> <td>3,0</td> <td>30</td> <td>1</td> </tr> </tbody> </table> <p>Incidin® Rapid</p> <table border="1" data-bbox="517 808 1393 1086"> <thead> <tr> <th></th> <th>Concentration %</th> <th>Concentration ml/l</th> <th>Contact time (h)</th> </tr> </thead> <tbody> <tr> <td>Respiratory protective devices/accessories according to EN 14561 and 14562</td> <td>1,5</td> <td>15</td> <td>¼</td> </tr> <tr> <td rowspan="2">Standard-disinfection [virucidal]</td> <td>0.5</td> <td>5</td> <td>1</td> </tr> <tr> <td>0.75</td> <td>7,5</td> <td>½</td> </tr> <tr> <td>Disinfection [sporicidal]</td> <td>2.0</td> <td>20</td> <td>1</td> </tr> </tbody> </table>		Concentration %	Concentration ml/l	Contact time (h)	Standard disinfection	1,5	15	½	against HIV	2,0	20	¼	TBC-prophylaxis	1,0	10	1		3,0	30	1		Concentration %	Concentration ml/l	Contact time (h)	Respiratory protective devices/accessories according to EN 14561 and 14562	1,5	15	¼	Standard-disinfection [virucidal]	0.5	5	1	0.75	7,5	½	Disinfection [sporicidal]	2.0	20	1
	Concentration %	Concentration ml/l	Contact time (h)																																					
Standard disinfection	1,5	15	½																																					
against HIV	2,0	20	¼																																					
TBC-prophylaxis	1,0	10	1																																					
	3,0	30	1																																					
	Concentration %	Concentration ml/l	Contact time (h)																																					
Respiratory protective devices/accessories according to EN 14561 and 14562	1,5	15	¼																																					
Standard-disinfection [virucidal]	0.5	5	1																																					
	0.75	7,5	½																																					
Disinfection [sporicidal]	2.0	20	1																																					
3. Washing program	<p>Subsequently rinse all components intensively (approximately 3 minutes) with clear, lukewarm, running water and afterward submerge for a 12 minutes lasting washing.</p>																																							
4. Drying	<p>Dry masks at max. 60°C.</p>																																							
5. Post-treatment	<p>If applicable remove detergent residues.</p>																																							
6. Notes	<ul style="list-style-type: none"> • Wear suitable protective gloves! • Use disinfectant safely. • Follow the instructions in the operating manual and the safety data sheet for the disinfectant: <ul style="list-style-type: none"> - AUER 90 - Incidur® - Incidin® Rapid. • Make certain to use the correct dosage of the disinfectant. We recommend using a doser. • Follow the instructions in the operating manual of the full face mask. • Perform a functional check, visual check and leak test. • Check the mask and it's components, specially the valves and valve seats for detergent residues and if necessary rework affected parts. • After each cleaning and disinfection the full face mask and its components must be checked for material changes. If necessary affected parts have to be replaced. 																																							