

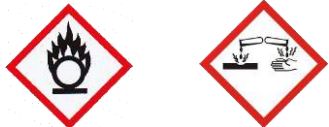
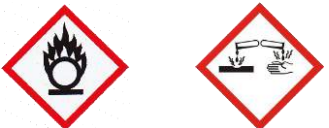



## H<sub>2</sub>O<sub>2</sub> room disinfection: Safety guidelines for the use of clinically proven Diosol solutions

Product name	Concentration H <sub>2</sub> O <sub>2</sub>	Hazard symbols	Hazard description	Exposure time <sup>1</sup>	Protective Clothing	Re-entering the room
-Diosol 3 -Diosol 3 PURE	3%	No hazard symbols required	Non-hazardous material	Up to 90 minutes after starting the disinfection process	Not necessary	After 90 minutes without any protective clothing, as OEL <sup>2</sup> „is in the green area“
-Diosol 6 -Diosol 6 PURE	6%	 	<b>Hazardous material:</b> Contains hydrogen peroxide. Fire accelerant, oxidant. Causes severe eye injuries. Keep/store away from heat, sparks, open flame and hot surfaces. Do not smoke. Keep/store away from clothing and flammable materials. By any means, avoid mixing with flammable substances. <b>AFTER EYE CONTACT:</b> Gently flush with plenty of water for some minutes. Remove contact lenses. Call physician or poison control center immediately.	90 minutes	Nitrile protective gloves	<u>Without</u> protection: <ul style="list-style-type: none"> <li>▪ Without ventilation after 3 hours</li> <li>▪ With ventilation you may re-enter room 15 minutes after exposure time (90 + 15 min = 105 min)</li> </ul>

<sup>1</sup> Exposure time includes the nebulization time of 2 to 14 minutes depending on the room volume to be treated.

<sup>2</sup> OEL = Occupational Exposure Limit after nebulization with Diosol 3 has a value of 0,9 after 90 minutes (minimal value to fall below = 0,5-0,9 ppm = parts per million = ml/m<sup>3</sup>) – according to German AGW (Arbeitsplatzgrenzwert) which gives the maximum concentration of a chemical substance in the workplace. Please check local OEL limits with your regulatory body.

<p><b>-Diosol 8</b>  <b>-Diosol 8</b>  <b>PURE</b></p>	<p>8%</p>		<p><b>Hazardous material:</b> Contains hydrogen peroxide. Fire accelerant, oxidant. Causes severe eye injuries. Keep/store away from heat, sparks, open flame and hot surfaces. Do not smoke. Keep/store away from clothing and flammable materials. By any means, avoid mixing with flammable substances.</p> <p><b>AFTER EYE CONTACT:</b> Gently flush with plenty of water for some minutes. Remove contact lenses. Call physician or poison control center immediately.</p>	<p>90 minutes</p>	<p>Disposable clothing necessary (Nitrile gloves, fully protective mask with hydrogen peroxide filter + protective gear category 3 type 4)</p>	<p><u>Without</u> protection:</p> <ul style="list-style-type: none"> <li>▪ Without ventilation after 4 hours</li> <li>▪ With ventilation you may re-enter room 15 minutes after exposure time (90 + 15 min = 105 min)</li> </ul>
<p><b>-Diosol 12</b>  <b>-Diosol 12</b>  <b>PURE</b></p>	<p>12%</p>		<p><b>Hazardous material:</b> Contains hydrogen peroxide. Fire accelerant, oxidant. Causes severe eye injuries. Keep/store away from heat, sparks, open flame and hot surfaces. Do not smoke. Keep/store away from clothing and flammable materials. By any means, avoid mixing with flammable substances.</p> <p><b>AFTER EYE CONTACT:</b> Gently flush with plenty of water for some minutes. Remove contact lenses. Call physician or poison control center immediately.</p>	<p>90 minutes</p>	<p>Disposable clothing necessary (Nitrile gloves, fully protective mask with hydrogen peroxide filter + protective gear category 3 type 4)</p>	<p><u>Without</u> protection:</p> <ul style="list-style-type: none"> <li>▪ Without ventilation 5-7 hours</li> <li>▪ With ventilation you may re-enter room 25-30 minutes after exposure time (90 + 30 min = 120 min)</li> </ul>

<p><b>-Diosol 19</b>  <b>-Diosol 19</b>  <b>PURE</b></p>	<p>19%</p>		<p><b>Hazardous material:</b> Contains hydrogen peroxide. Fire accelerant, oxidant. Causes severe eye injuries. Keep/store away from heat, sparks, open flame and hot surfaces. Do not smoke. Keep/store away from clothing and flammable materials. By any means, avoid mixing with flammable substances.</p> <p><b>AFTER EYE CONTACT:</b> Gently flush with plenty of water for some minutes. Remove contact lenses. Call physician or poison control center immediately.</p>	<p>90 minutes</p>	<p>Disposable clothing necessary (Nitrile gloves, fully protective mask with hydrogen peroxide filter + protective gear category 3 type 4)</p>	<p><u>Without</u> protection:</p> <ul style="list-style-type: none"> <li>▪ Without ventilation about 10-12 hours</li> <li>▪ With ventilation you may re-enter room 35-45 minutes after exposure time (90 + 45 min = 135 min)</li> </ul>
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**Note:**

The present code of practice doesn't claim to be complete and exclusive. The delineated statements are based on many years of experience in the field of practical aerosol disinfection. The table above cannot be understood as an immediate guideline for action. The information given above may vary from situation to situation and is also dependent on the individual room situation. For details please have a look in the specific safety data sheet. The five background colours in the above table represent the different hazard classes of the mentioned disinfectant concentrations.

Rosbach / Germany, January 22<sup>nd</sup> 2015