

**Material Safety Data Sheet**  
according to 91/155/EEC

<b>1. Product identification/preparation/company undertaking</b>			
<b>Product details</b>			
<b>Trade name:</b>	<b>DOUBLE BLEACH 16%</b>		
<b>Emergency information:</b> AcquaMed Technologies (630) 232-8704			
<b>2. <u>Composition/Information of Ingredients</u></b>			
<b>Chemical characterization:</b>	mixture of carbamide peroxide and glycerine		
<b>Description:</b>			
<b>Hazardous components:</b>	None		
<b>CAS-Nr.:</b>	<b><u>Name</u></b>	<b><u>%</u></b>	<b><u>R-classification</u></b>
124-43-6	Carbamide Peroxide	16	C, R34
<b>3. <u>Hazards identification</u></b>			
<b>Risk identification:</b>			
<b>Special risks for human beings and environment:</b>	Irritating to eyes, skin and mucous membrane		
<b>Classification:</b>	classification corresponds to actual EEC guidelines		
<b>4. <u>First-aid measures</u></b>			
<b>General information:</b>			
<b>after skin contact:</b>	wash with plenty of water and soap		
<b>after eye contact:</b>	rinse with plenty of water and consult a physician		
<b>after swallowing:</b>	seek medical advice immediately		
<b>5. <u>Fire fighting measures</u></b>			
<b>Extinguishing media:</b>	CO <sub>2</sub> , water		
<b>Protective equipment:</b>			

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<b>6. <u>Accidental release measures</u></b>	
<b>Personal precautions:</b>	Avoid contact with skin and eyes. Wear gloves and safety glasses
<b>Environmental precautions:</b>	No disposal into drain
<b>Methods for cleaning up:</b>	wipe out with absorbent material
<b>Additional information:</b>	
<b>7. <u>Handling and storage</u></b>	
<b>Handling:</b>	The product should only be supplied or handled to dentists or dental technicians or upon their instructions.
<b>Handling procedures:</b>	No procedures, if correctly handled
<b>Recommendation for fire and explosion protection:</b>	
<b>storage:</b>	store at dry place between temperatures from 2 - 8 °C, avoid direct sunlight
<b>Requirements at storerooms and containers:</b>	
<b>Requirements for storage with other products:</b>	
<b>Additional storage conditions:</b>	avoid contact with alkalis, heavy-metal-containing components and combustibles
<b>Storage classification</b>	n.a.
<b>8. <u>Exposure controls/personal protection</u></b>	
<b>Additional information for technical plants:</b>	
<b>Components with limits of values to be supervised at the workplace:</b>	
<u>CAS-Nr.</u>	<u>Name</u>
<u>%</u>	<u>art</u>
<u>value</u>	<u>unit</u>
The product contains no relevant quantities of components with limits of values to be supervised at the workplace.	
<b>Additional information:</b>	
<b>Personal protective equipment:</b>	not necessary
<b>General measures of protection and hygiene:</b>	normal hygienic measures
<b>respiration:</b>	
<b>hands:</b>	Protective gloves (nitrile rubber)
<b>eyes:</b>	Safety glasses

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<b>9. <u>Physical and chemical properties</u></b>			
<b>Appearance</b>			
<b>Form:</b>	gel		
<b>Colour:</b>	slightly yellow-green		
<b>Odour:</b>	odourless		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>
<b>Information on change in the physical state</b>			
<b>Melting point/melting range:</b>			
<b>Boiling point/boiling range:</b>	n.a.		
<b>Flash point:</b>	n.a.		
<b>Autoignation temperature:</b>	n.d.		
<b>Danger of explosion:</b>	none		
<b>Density:</b>	1.27 g/cm <sup>3</sup>		
<b>Vapour pressure:</b>	non volatile		
<b>Viscosity:</b>	pasteous consistency		
<b>pH:</b>	4,0-6,0		
<b>Solubility in/miscibility with:</b>	n. d.		
<b>Water:</b>	soluble		
<b>Content of volatile solvents:</b>	none		
<b>Organic solvents:</b>	soluble		
<b>Water:</b>	-		
<b>Content of solids:</b>	n.a.		
<b>10. <u>Stability and reactivity</u></b>		avoid heat, direct sunlight	
<b>Incompatibility with other substances:</b>	alkalis, metal containing compounds, combustibles		
<b>Hazardous discomposition products:</b>	not known		
<b>11. <u>Toxicological information</u></b>			
<b>Acute toxicity:</b>	n. d.		
<b>Primary irritation:</b>	n. d.		
<b>skin:</b>	avoid contact to gingiva		
<b>eye:</b>	causes burns		
<b>inhalation:</b>	n. a.		
<b>ingestion:</b>	possible toxic when swallowed		
<b>Sensitization of product:</b>	not observed		
<b>Additional toxikological information:</b>	n. a.		

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<b>12. <u>Ecological information</u></b>	
<b>General information:</b>	In aqueous solution, carbamide peroxide decomposes in urea and hydrogen peroxide. It is rapidly reduced to water and oxygen.
<b>Classification of water endangerment:</b>	water pollution class: 1
<b>13. <u>Disposal consideration</u></b>	
<b>Product:</b>	
<b>Recommendation:</b>	dilute with plenty of water
<b>Disposal key number:</b>	
<b>Uncleaned packaging:</b>	
<b>Recommendation:</b>	
<b>14. Transport Information</b>	
	keep cool during transport
<b>land transport ADR/RID</b>	not subject to transport regulations
<b>Sea transport IMDG</b>	not subject to transport regulations
<b>Air transport CAO, PAX</b>	not subject to transport regulations
<b>15. <u>Regulatory information</u></b>	
<b>Classification according to EEC guidelines:</b>	Xi Irritant R36 Irritating to eyes S17-26-36/37/39-45 Keep away from combustible material. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/surface protection. In case of accident or if you feel unwell, seek medical advice immediately.
<b>National Prescriptions:</b>	
<b>16. <u>Other information:</u></b>	
	The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to product properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.