### **Material Safety Data Sheet**

according to 91/155/EEC

1. Product identification/preparation/company undertaking

**Product details** 

Trade name:

**DOUBLE BLEACH H 9%** 

Emergency information:

AcquaMed Technologies

(630) 232-8704

2. Composition/Information of Ingredients

Chemical characterization:

mixture of hydrogen peroxide and glycerine

Description:

Hazardous components:

None

CAS-Nr.:

<u>Name</u>

% R-classification

7722-84-1 Hydrogen Peroxide

9 Xn, R22-41

3. Hazards identification

Risk identification:

Special risks for human beings and

environment:

Harmful if swallowed. Risk of serious damage

to eyes.

Classification:

classification corresponds to actual EEC

guidelines

4. First-aid measures

General information:

after skin contact:

wash with plenty of water

after eye contact:

rinse with plenty of water with the eye lid held

wide open and consult a physician

after swallowing:

Immediately make victim drink plenty of

water, seek medical advice

5. Fire fighting measures

Extinguishing media:

In adaption to materials stored in the

immediate neighbourhood

Protective equipment:

Do not stay in dangerous zone without self-

contained breathing apparatus. In order to avoid contact with skin, keep a safety distance

and wear suitable protective clothes.

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6. Accidental release measures

Personal precautions: Avoid contact with skin and eyes. Wear gloves

and safety glasses

**Environmental precautions:** 

Methods for cleaning up: Additional information: No disposal into drain

wipe out with absorbent material

7. Handling and storage

Handling: The product should only be supplied or

handled to dentists or dental technicians or

upon their instructions.

Handling procedures: No procedures, if correctly handled

Recommendation for fire and

explosion protection:

storage: store at dry place between temperatures from

2 - 8 °C, avoid direct sunlight

Requirements at storerooms and

containers:

Requirements for storage with other

products:

Additional storage conditions: avoid contact with alkalis, heavy-metal-

containing componends and combustibles

Storage classification n.a.

8. Exposure controls/personal protection

Additional information for technical

plants:

Components with limits of values to be supervised at the workplace:

CAS-Nr. Name % art value unit

The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:

Personal protective equipment: not necessary

General measures of protection and

hygiene: respiration:

hands:

normal hygienic measures

Protective gloves (nitrile rubber)

eyes: Safety glasses

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9. Physical and chemical properties		
7. I Hysical and encinear properties		
Appearence		
Form:	gel	
Colour:	slightly yellow	
Odour:	odourless	
	Value Unit Method	
Information on change in the physical state		
Melting point/melting range:		
Boiling point/boiling range:	n.a.	
Flash point:	n.a.	
Autoignation temperature:	n.d.	
Danger of explosion:	none	
Density:	1,21 g/cm <sup>3</sup>	
Vapour pressure:	non volatile	
Viskosity:	pasteous consistency	
pH:	Base: 3-6; Activator 12-13	
Solubility in/miscibility with:	n. d.	
Water:	soluble	
Content of volatile solvents:	none	
Organic solvents:	soluble	
Water:	-	
Content of solids:	n.a.	
10. Stability and reactivity	avoid heat, direct sunlight	
<b>T</b>		
Incompatibility with other	alkalis, metal containing compounds,	
substances:	combustibles	
Hazardous discomposition products:	not known	
11. <u>Toxicological information</u>		
Acute toxicity:	n. d.	
Primary irritation:	n. d.	
skin:	avoid contact to gingiva	
eye:	causes burns	
inhalation:	n. a.	
ingestion:	possible toxic when swallowed	
Sensitization of product:	not observed	
Additional toxikological information:	n. a.	

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12. Ecological information	
General information: Classification of water endangerment:	Decomposition products: water and oxygen water polution class: 1
13. <u>Disposal consideration</u> Product: Recommendation: Disposal key number: Uncleaned packaging: Recommendation:	dilute with plenty of water
14. Transport Information	keep cool during transport
land transport ADR/RID Sea transport IMDG Air transport CAO, PAX	not subject to transport regulations not subject to transport regulations not subject to transport regulations
An transport CAO, TAA	not subject to transport regulations
15. Regulatory information Classification according to EEC guidelines:  National Prescriptions:	Xn Harmful R22 Harmful in contact with skin R41 Risk of serious damage 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.
16. Other information:	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.