

# Safety Data sheet

## Disinfectant (QRR010912/ QRR010932)


### 1. IDENTIFICATION OF SUBSTANCE

Product details	
Trade name	Disinfectant
Article number	QRR010912/ QRR010932
Manufacturer/ Supplier	
Mechatronics Instruments B.V.	Tel: +31 (0) 229 2911 29
P.O. Box 225	Fax: +31 (0) 229 2415 34
1620 AE HOORN	
The Netherlands	

### 2. COMPOSITION/ DATA ON COMPONENTS

Chemical characterisation	
Cas No. Designation	7732-18-5 water, distilled, conductivity or of similar purity.
EINECS Number	2317912
Dangerous components	7681-52-9 sodium hypo chlorite, solution $\leq 2.5\%$ C; R 31-34 1310-73-2 sodium hydroxide $\leq 2.5\%$ C; R 35

### 3. HAZARDS IDENTIFICATION

Hazard designation	
	 Xi Irritant
Information pertaining to particular dangers for man and environment R 36/38 Irritating to eyes and skin	

### 4. FIRST AID MEASURES

After inhalation	
After skin contact	In case of unconsciousness bring patient into stable side position for transport.
After eye contact	Instantly wash with water and soap and rinse thoroughly
	Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor

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After swallowing	In case of persistent symptoms consult doctor.
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#### 5. FIRE FIGHTING MEASURES

Suitable-extinguishing agents	CO <sub>2</sub> , extinguishing powder or water jet. Fight larger fires with water jet or alcohol- resistant foam.
Protective equipment	No special measures required

#### 6. ACCIDENTAL RELEASE MEASURES

Person- related safety precautions	Not required.
Measures for environmental protection	Prevent material from reaching sewage system, holes and cellars. Dilute with much water.
Measures for cleaning/ collecting	Absorb with liquid- binding material (sand, diatomite, acid binders, universal binders, sawdust)

#### 7. HANDLING AND STORAGE

Handling	
Information for safe handling	No special measures required.
Information about protection against explosions and fires	No special measures required.
Storage	
Requirements to be met by Storerooms and containers	No special requirements.
Information about storage in one common storage facility	Not required.
Further information about storage conditions	Keep container tightly sealed.
Class according to regulation on inflammable liquids	Void

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#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems	No further data; see item 7.
Components with critical values that enquire monitoring at the workplace	Not required.
Addition information	The lists that were valid during the compilation were used as basis.
Personal protective equipment	
General protective and hygienic measures	Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.
Breathing equipment	Not required.
Protection of hands	Protective gloves.
Eye protection	Tightly sealed safety glasses.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Fluid
Colour	Colourless
Smell	Chlorine- like
Melting temperature	0°C
Boiling temperature	100°C
Flash point	Not applicable
Self- in flammability	Product is not self igniting.
Danger of explosion	Product is not explosive
Steam pressure	at 20°C, 23 hPa
Density	at 20°C, 1 g/cm <sup>3</sup>
Solubility in/ Miscibility with water	Fully miscible
Organic solvents	0.0%
Water	98.2%
Solids content	0.8%

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#### 10. STABILITY AND REACTIVITY

Thermal decomposition/ conditions to be avoided	No decomposition if used according to specifications
Dangerous reactions	No dangerous reactions known
Dangerous products of composition	No dangerous decomposition products known.

#### 11. TOXICOLOGICAL INFORMATION

On the skin	Irritant for skin and mucous membranes.
On the eye	Irritant effect.
Sensitisation	No sensitising effect known.

#### 12. ECOLOGICAL INFORMATION

General notes	Water hazard class 2 (self- assessment): hazardous for water. Do not allow product to reach ground water, water bodies or sewage system. Danger to drinking water if even small quantities leak into soil.
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#### 13. DISPOSAL CONSIDERATIONS

Product	
Recommendation	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Un cleaned packaging	
Recommendation	Disposal must be made according to official regulations.
Recommended cleaning agent	Water, if necessary with cleaning agent.

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#### 14. TRANSPORT INFORMATION

Land transport ADR/ RID and GGVS/ GGVE (cross-border/ domestic)	
ADR/ RID – GGVS/ GGVE class	Not applicable
Marine pollutant	no

#### 15. REGULATORY INFORMATION

Designation according to EC guidelines	The product has been classified and labelled in accordance with EC Directives/ Ordinance on Hazardous Materials (GefStoffV)
National regulations	
Classification according to VbF	void
Water hazard class	Water hazard class 2 (Self- assessment), hazardous for water.

#### 16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Document information.		
Safety Data sheet	FA8509	Disinfectant
Revision	D01	October 2002
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