

ABX Minocclair	A91A00288IEN	Revision 02/08/2011
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1. Product and company identification	
1.1. Identification of the product	
Product name:	ABX Minocclair
Product code:	Ref. HORIBA Medical: 0401005
1.2. Use of the product	
1.3. Company identification	
	HORIBA ABX SAS Parc Euromédecine - Rue du Caducée BP 7290 34184 MONTPELLIER CEDEX 4 FRANCE Tel: + 33 (0) 4 67 14 15 16 Fax: + 33 (0) 4 67 14 15 17 Email: documentation.med@horiba.com
1.4. Emergency phone number	
Company :	+ 800 67 14 15 16
French official advisory body :	ORFILA (INRS) : + 33 (0) 1 45 42 59 59

2. Hazards identification	
Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No	
Most important hazards:	None.
Specific risks	None.

3. Composition/information on ingredients						
3.1. Description of the kit						
	1 bottle: 1 x 0.5L Cleaning solution.					
3.2. Hazardous ingredients (name, concentration)						
CAS No.	EC No. (EINECS/ELINCS/NLP)	Name	Concentration	Symbol	Risk	REACH No.
7681-52-9	231-668-3	Sodium Hypochlorite, solution...% Cl active	11.4% of Sodium Hypochlorite at 13% of active chlorine	C, N	R31, R34, R50	

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4. First-aid-measures

Inhalation:	Provide fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get medical attention.
Skin contact:	Remove contaminated clothing. Wash skin with water and soap.
Eye contact:	Immediately wash eyes, also under the eyelids, with water for at least 15 minutes. Get medical attention.
Ingestion:	If patient is conscious, rinse out mouth and throat thoroughly with water. Do not induce vomiting. Get medical attention.

5. Fire-fighting measures :

Extinguishing media:	Use whatever is required for the surrounding area.
Specific risks:	None determined.
Special protective equipment:	None determined.
Additional recommendations:	None.

6. Accidental release measures

Personal precautions:	Wear a lab coat, protective gloves and safety goggles.
Environmental precautions:	Prevent from getting into sewage, water, ground.
Methods for cleaning/absorption:	Prevent product from spreading. Take up with absorbent material and place in a suitable container. Rinse the affected area abundantly after neutralisation and transfer to the waste.

7. Handling and storage

7.1. Handling

Technical measures:	No special requirements.
Precautions:	The usual laboratory precautions should be observed.
Handling recommendations:	Avoid contact with the eyes, skin and clothing. Wear protective gloves when handling the product.

7.2. Storage

Technical measures:	No special requirements.
Storage conditions:	Store in its original container only, tightly closed, at 18-25°C.
Incompatible materials:	Avoid metals, aluminium.
Packaging materials:	No special requirements.

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8. Exposure controls/personal protection	
8.1. Exposure limit values	
Specific control parameters:	None determined.
8.2. Exposure controls	
8.2.1. Occupational exposure controls	
Technical measures:	Not determined.
Respiratory protection:	Not determined.
Hand protection:	Protective gloves.
Eye protection:	Safety goggles.
Skin protection:	Lab coat.
Hygiene measures:	Not determined.
8.2.2. Environmental exposure controls	
None determined.	

9. Physical and chemical properties			
9.1. General information			
Physical state:	Liquid		
Colour:	Yellowish at 20°C	Odour:	Chlorine
9.2. Important health, safety and environmental information			
pH:	12.5 +/-0.5 at 20°C	Relative density:	approx. 1g/cm ³
Boiling point:	Not determined	Solubility:	Solution miscible with water
Flash point:	Not determined	Partition coefficient:	Not determined
Flammability (solid, gaz):	Not determined	Viscosity:	Not determined
Explosive properties:	Not determined	Vapour density:	Not determined
Oxidizing properties:	Not determined	Evaporation rate:	Not determined
9.3. Other information			
None.			

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10. Stability and reactivity

Conditions to avoid:	Diminution of the solution's chlorometric content under the effect of heat over a certain time, and also in the presence of metallic impurities.
Materials to avoid:	Strong acids and metals.
Hazardous decomposition products:	Chlorine and hypochloric acid.
Other data:	None.

11. Toxicological information

Acute toxicity:	For CAS N° 7681-52-9 : Sodium Hypochlorite solution ...% of active chlorine : LD50 oral mouse: 5800 mg/kg
Chronic toxicity:	Repeated contact with dilute caustic solutions may cause dermatitis.
Inhalation:	May cause irritation to the respiratory tract.
Skin contact:	Corrosive. Causes burns in case of prolonged contact.
Eye contact:	Possibility of ocular lesion.
Ingestion:	Harmful if swallowed.
Other data:	None.

12. Ecological information

12.1. Ecotoxicity:	For CAS N° 7681-52-9 : Sodium Hypochlorite solution ...% of active chlorine : Protozoan : EC50 = 0.032 mg/L - (7 days)
12.2. Mobility:	Not determined.
12.3. Degradability:	Not determined.
12.4. Bioaccumulative potential:	Not determined.
12.5. Results of PBT assessment:	Not determined.
12.6. Other hazardous effects:	None determined.

13. Disposal considerations

Surplus or waste (residues) Contaminated packaging	It is advisable to avoid or reduce the generation of waste products wherever possible. Empty containers may contain product residues. Discard all waste, unused products, and contaminated packaging in accordance with current legislation. If you are in any doubt over the regulations, further information can be obtained from the competent authorities.
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14. Transport information (International regulations)

General information:	<ul style="list-style-type: none"> ◆ Proper shipping name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium Hypochlorite solution 11.4% at 13% of active chlorine) ◆ UN-Number: UN3266. ◆ Hazard class: 8. ◆ Label(s): Corrosive. ◆ Unit volume: 1 x 500 ml. ◆ Sales unit: 1 bottle. 	
By air (IATA):	Packaging group: III.	Packing instruction (passenger aircraft): 852 (5L).
By land (ADR):	Refer to regulation.	
By sea (IMDG):	Refer to regulation.	

15. Regulatory information

Symbols:	None	
R phrases:	None	
S phrases:	None	
Substances:	None	
Specific provisions and related laws:	None	
Other regulatory requirements:	In no way does this information exempt the user from knowing about or applying all the national or international regulations relating to his/her activity.	

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16. Other information

16.1. List of relevant R phrases

R31	Contact with acids liberates toxic gas.
R34	Causes burns.
R50	Very toxic to aquatic organisms

16.2. Recommended restriction on use

See specific information given in the product user information.

16.3. Further information

This sheet is a complement to instructions for use but does not replace them. Information contained herewith is based on our current knowledge of the product, at the date shown, and is correct to the best of our knowledge. Furthermore, the user's attention is drawn to the dangers of using this product for anything other than its intended use. The user must accept the sole responsibility and take precautions accordingly for the use of this product.

16.4. Sources of key data

This document has been compiled with information extracted from documents given by our raw material suppliers.

16.5. Revision

The sections that have been modified from the previous version are indicated by a vertical line on the left side of the table.