

WATA

Production of active chlorine



User guide

WATA KIT CONTENT



1 WATA

Size: 18 cm
Weight: 400g

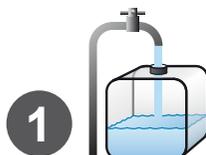
- 1 power supply 12V / 5A
- 2 syringes: 50 mL, 5 mL
- 1 spoon to measure salt
- 1 opaque plastic 2.5 L container
- 1 WataBlue kit (residual chlorine measurement)
- 1 WataTest kit (control check for concentrated chlorine)

The **WATA** device uses electrolysis to produce a concentrated solution of active chlorine from salt water. It is designed to produce between 2 and 10 litres of concentrate per procedure.



1. The device must only be used by adults. Carefully read the user guide before using.
2. The chlorine concentrate is not dangerous. Rinse well with water in case of accidental contact with the solution. Do not inhale.
3. The concentrate should be stored in clearly labelled, clean, opaque, tightly-closed, glass/plastic containers, keep away from children.
4. Never use metallic containers in the procedure.

PREPARATION OF SATURATED BRINE



- 1 Fill a (**non-metallic**) container of any size with clear water.



- 2 Add a large amount of salt (**about 400g of salt per litre of water**).



- 3 Shake/mix for **30 minutes** to dissolve as much salt as possible.



- 4 Make sure that there is salt remaining at the bottom of the container. Close it and label the container. **If no excess salt is visible, add more salt and proceed from step 2.**

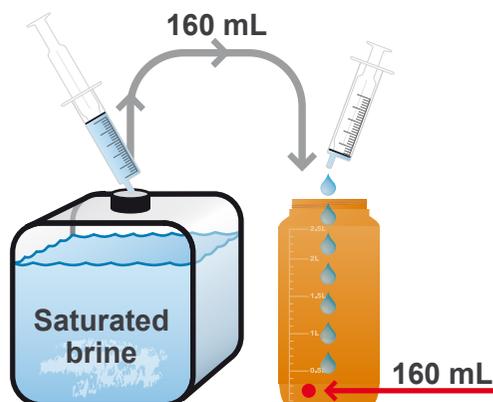
PRODUCTION OF CHLORINE CONCENTRATE



Use clear water



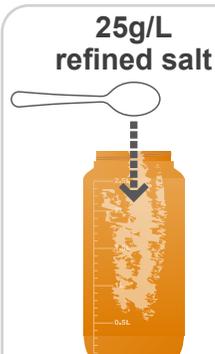
Keep in a dark place, away from light.



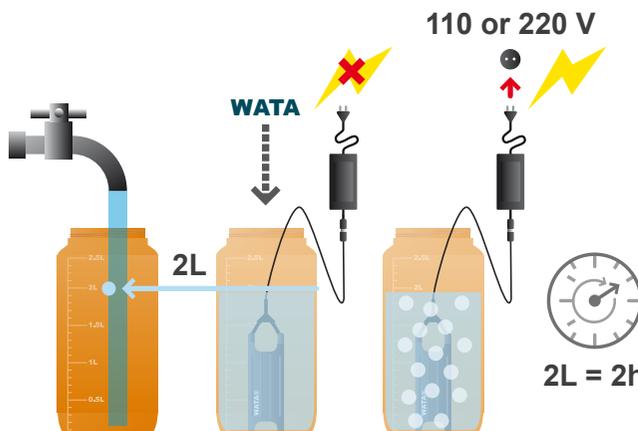
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For electrolysis with 2L of water: using the large (50 ml) syringe, put **160 mL** of saturated brine (1) into a container (2).

The volume of the brine must represent 1/13 of the total volume for electrolysis.



NOTE: If you are using a highly refined salt, you can replace the brine with **1 spoonful of salt (25g)** for each litre to be electrolysed. Mix until the salt is completely dissolved in the water.



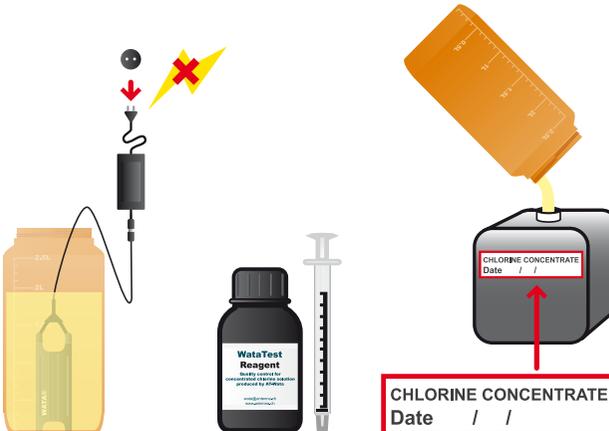
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4

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Top up the container with clear water until the total volume to be electrolysed is reached (3) and immerse the **WATA**. The salt water must completely cover the body of the device (4).

Plug in the **WATA** power supply (5) (**110 or 220 V**). Bubbles should immediately be seen forming in the container. Wait 1 hour per litre for electrolysis to be complete (final concentration : 6 g/litre or 6000 ppm).



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Unplug the device, take it out of the concentrate, rinse it with clear water and store it (6).

Proceed to the quality control check of the concentrated chlorine with **WataTest** reagent (7).

CHLORINE CONCENTRATE
Date / /

8

Store the chlorine concentrate in a labelled opaque container (8).