

MIXING instructions for: DUTRION TABLET

The tablets and the liquid solution must be handled with care and all procedures must be followed according to the product label and the MSDS.

General Safety Guidelines

Read MSDS GUIDELINES of DUTRION Tablet first

- ▶ Be aware of off-gassing and never dose tablets in open containers or buckets
- ▶ Use safety gear (respirator, goggles and gloves)
- ▶ Maintain ventilation in room during preparation and storage
- ▶ Be sure to dose in potable water with a **maximum temperature** of 40° Celsius (104° F)
- ▶ Ask questions to your supplier before opening the foils
- ▶ Follow the steps below to make the right amount of stock solution

Preparation of the stock solution

- ▶ Always read the MSDS and product label and handle according the safety instructions
- ▶ Write the date of production on the label of the container

Step 1:

- ▶ Fill qualified container for chlorine dioxide solution with exactly the amount of potable water
- ▶ Find the temperature of the water in the container (optimum is 20 degree Celsius)

Step 2:

- ▶ Add slowly all contents in the foil package to the amount of water in the container;
Do not inhale above open foils and do not inhale above open container
- ▶ Close container quick and tightly
- ▶ Do not stir or mix the water or shake the container
- ▶ Wait according to timetable instructions:

Step 3:

- ▶ After reaction time; shake small containers gently, or stir/mix larger containers slowly
- ▶ Always be aware of CLO2 fumes during this mixing
- ▶ Stock solution with liquid chlorine dioxide is now ready for dosing.
- ▶ Store in cool, dark and vented room

WATER TEMP.	FULL REACTION TIME	COMMENTS
40 °C / 104 °F	< 10 minutes	MAXIMUM TEMP.
30 °C / 86 °F	< 20 minutes	-----
20 °C/ 68 °F	< 30 minutes	OPTIMUM TEMP.
10 °C / 50 °F	> 60 minutes (up to 6 hrs)	LONGER REACTION TIME