

TRIKLORAME

HOW TO BETTER PROTECT SWIMMERS AND COLLABORATORS

NEW PORTABLE MEASUREMENT OF TRICHLORAMINE IN THE AIR

Fast - Simple - Effective
Direct reading of the rate in mg/m^3

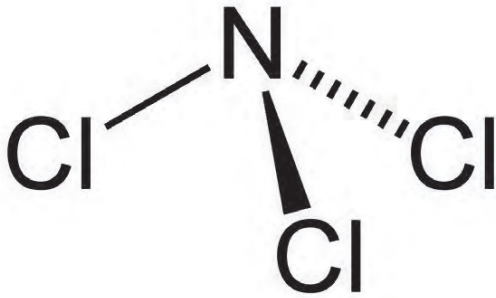


Specialist in water treatment analysis, control & management

SYCLOPE
Electronique

TRIKLORAME

TRICHLORAMINE IN THE AIR : A REAL HEALTH PROBLEM



TRICHLORAMINE IN THE AIR

Trichloramine belongs to the Chloramine family and is developing during the combination of chlorine products used for disinfection of water and nitrogen pollution made by organic derivatives (sweat, saliva, urine, bacteria, sun cream, animal or plant debris, sap...)

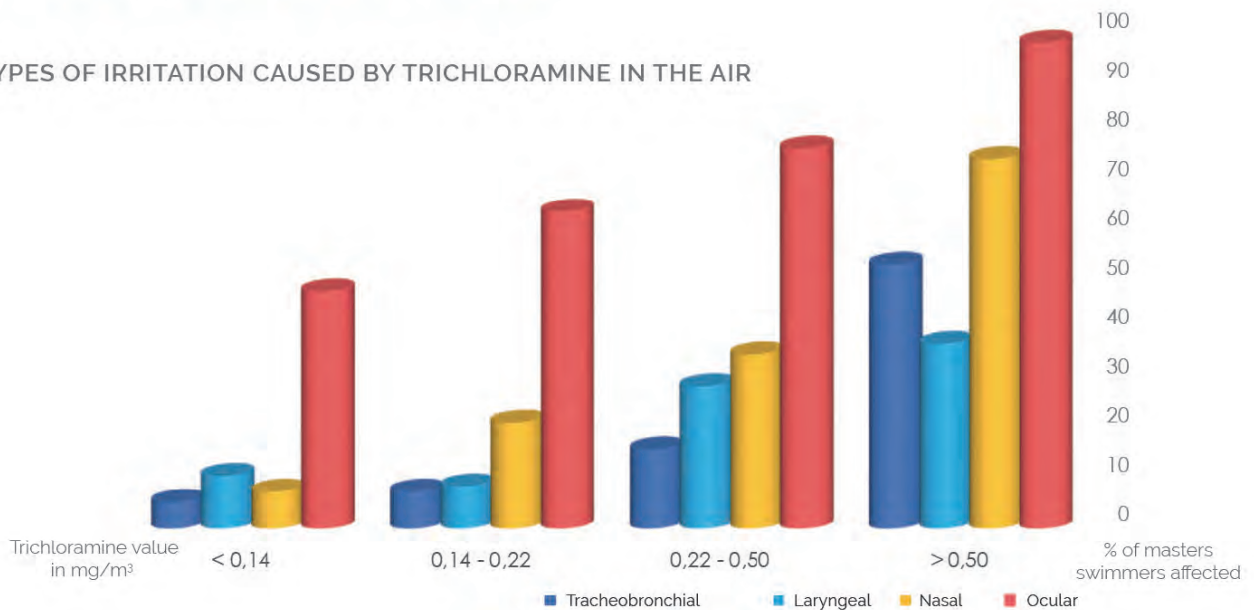
Trichloramine is a highly volatile substance, irritating for breathing system, eyes and skin, recognized as occupational diseases in «Occupational Asthmas and Rhinitis» category (French decree 2003-110 of 11/02/2003)

CURRENT REGULATIONS

- Analysis requirement for swimming pools equipped with a UV dechlorinator (DGS : EA4 2008-65 du 22/02/2008)
- Obligation to prevent and analyze occupational risks according to the labor code
- Table of occupational diseases, category « rhinitis and asthma » - decree 2003-110 of 11/02/2003)
- ANSES (National Agency for food, environment and work safety) recommends to integrate to the sanitary control the monitoring of trichloramine in the air with a limit value of 0,3 mg/m

A REAL HEALTH PROBLEM

TYPES OF IRRITATION CAUSED BY TRICHLORAMINE IN THE AIR



80%

of consulted master swimmers suffer from eye irritation*

* pools with a trichloramine in the air level between 0,22- 0,50 mg/m³

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For 10 years SYCLOPE Electronique collaborates with the INRS (National Institute of Research and Security) on the problem of trichloramine in the air measurement in order to propose a reliable tool for determining the exposure rate.

Recognizing the importance of health problems caused by trichloramine in the air, these two entities decided to optimize the existing analysis equipment by making a new one simpler in use, faster in its execution, more reliable and effective. This new portable measurement tool, **TRIKLORAME**, determines the level of trichloramine in the air in a clear and simplified way in order to implement the preventive or corrective actions necessary to better protect the exposed persons.



ADVANTAGES

- Simplified portable measurement of trichloramine in the air
- Faster and more efficient measurement requiring little manipulations
- The most accurate self-checking and prevention system of the market
- Total autonomy in controlling trichloramine levels
- No chemicals to handle
- Clear and precise display in mg/m^3
- Optimum measurement quality
- Patented by the INRS

IMPORTANT : A REGULAR FOLLOW-UP OF TRICHLORAMINE IN THE AIR LEVEL

PREVENTION AND CORRECTIVE ACTIONS

- 1- Specific and regular measures to respond to an immediate problem (following a complaint from a master swimmer or users...) with a return to action within 1h
- 2- Occupational Exposure Limit Value with a measurement over 8h
- 3- Mapping risk areas of the pool to implement prevention and corrective actions



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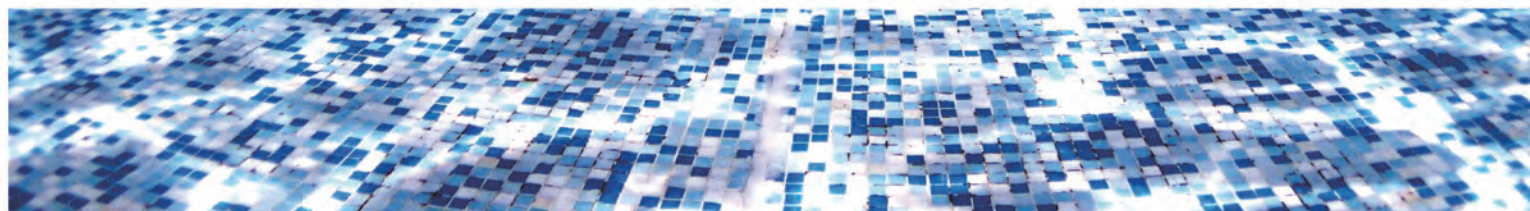


COMPOSITIONS

- Portable measuring device of trichloramine
- Sampling device
- Sampling pellets
- Using tools
- Non-chemical reagent



Contained in a suitcase
Possibility of 20 samples



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