

Trichloramine in the air measurement
Covered swimming pools, Food industries...

Accurate and professional measurement
for self-control and prevention



A strong smell of chlorine, itchy eyes... Be careful you are in presence of trichloramine in the air.

CONCERNED SITES:

- Covered swimming pools, field house, lobby, technical room...
- Food industries for cleaning process (NEP/CIP)

DEFINITION :



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 professional diseases in "Professional Asthmas and Rhinitis" category (French decree 2003-110 of the 11/02/2003).

VALISE TRIKLORAME

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HEALTH IMPACTS:

Today, diseases due to Trichloramine are recognized as **professional diseases** in "Professional Asthmas and Rhinitis" category (French decree 2003-110 of the 11/02/2003).

Standard requirements:

- **Obligation of analysis for UV dechloramination (French decree EA4 2008-65 of 22/02/2008)**
- **Prevention and professional risk analysis according to working regulations**

The ANSES (National French Agency for Food, Environmental and Working health safety) recommends to integrate into health control trichloramine in the air measurement with a **limit value of 0,3 mg/m³**.

Advantages :

- The most precise self-monitoring and prevention system on the market
- **Concentration measurement and no only detection**
- Accurate indication in mg/m³
- Simple and fast assessment of trichloramine in the air exposure
- Use of the same sampling protocol as approved laboratories
- Punctual analysis or average exposure value of 4h, 6h, 8h...
- Possibility of punctual measurement VLCT (short-term limit value) from 45 min
- Professional air sampling pump
- No interference with ozone and nitrites
- Speed execution (indication of rate 5 to 10 minutes after sampling time)
- INRS patent
(French National Institute of Research and Security for prevention of working accidents and professional diseases)

MATERIAL COMPOSITION



VAT0000

"TRIKLORAME" suitcase for trichloramine analysis in the air

VAT0001

Suitcase of 20 analyses samples of trichloramine in the air



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