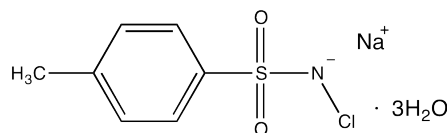


# Chloramine T trihydrate, for analysis, ExpertQ®, ACS

## Identification

$C_7H_7ClNNaO_2S \cdot 3H_2O$   
M = 281,69 g/mol  
CAS [7080-50-4]  
EC number: 204-854-7  
Taric code: 2935 00 90



## Synonyms

N-Chloro-4-methylbenzenesulfonamide sodium salt, N-Chloro-p-toluenesulfonamide sodium salt, Tosylchloramide sodium, N-Chloro-4-toluenesulfonamide sodium salt

## Applications

analytical chemistry, synthesis of organic products, for the detection of: halogens and bromates.

## Specifications

|                             |                |                                                       |             |
|-----------------------------|----------------|-------------------------------------------------------|-------------|
| assay (iodometric).....     | 98,0 - 103,0 % | insoluble in C2H5OH .....                             | max. 1,5 %  |
| identity (IR-spectrum)..... | passes test    | pH (5 %, H2O).....                                    | 8,0 - 10,0  |
| appearance of solution..... | passes test    | suitability for determination<br>of bromide (Br)..... | passes test |

## Physical data

- Bulk density: ~ 500 - 600 kg/m<sup>3</sup>
- Solub. in water: (25 °C): 150 g/l
- Melting point: > 70 °C (decomposes)
- Flash point: 192 °C
- pH(50 g/l H<sub>2</sub>O, 20 °C) ~ 8 - 10

## Safety - GHS

Signal Word: Danger

### Hazard Statements:

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H314: Causes severe skin burns and eye damage.  
H302: Harmful if swallowed.  
EUH031: Contact with acids liberates toxic gas.



### Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor / physician.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

## Transport/storage

- ADR: 8 C8 III • UN 3263 • CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.(Chloramine T trihydrate)
- IMDG: 8 III • UN 3263 • CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Chloramine T trihydrate)
- IATA/ICAO: 8 III • UN 3263 • CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Chloramine T trihydrate)
- PAX: 822
- CAO: 823
- 10°C - 30°C