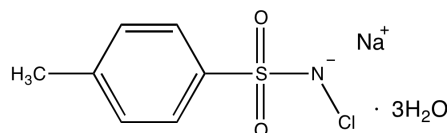


**Identification**

$C_7H_7ClNNaO_2S \cdot 3H_2O$   
 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).....	99,0 -103,0 %	pH (5 %, H <sub>2</sub> O).....	8,0 - 10,0
identity (IR-spectrum).....	passes test	suitability for determination	
appearance of solution.....	passes test	of bromide (Br).....	passes test
insoluble in C <sub>2</sub> H <sub>5</sub> OH .....	max. 1,5 %		

**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.  
 P285: In case of inadequate ventilation wear respiratory protection.  
 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.  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): ~ 1000 mg/kg
- WGK: 2
- Poison class CH (Swiss): 4

**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
- Store between 15°C and 25°C