

**Identification**

Na<sub>2</sub>S·xH<sub>2</sub>O (x = 2 - 3)  
M = 78,04 g/mol  
CAS [27610-45-3]  
EC number: 608-114-8  
Taric code: 2830 10 00

**Specifications**

assay (iodometric, Na <sub>2</sub> S).....	60 - 65 %	iron (Fe).....	max. 0,001 %
carbonates (as Na <sub>2</sub> CO <sub>3</sub> ).....	max. 1,2 %	sulfite and thiosulfate.....	max. 2 %

**Physical data**

- Spec. Density: ~ 1,43 g/cm<sup>3</sup>
- Bulk density: ~ 830 kg/m<sup>3</sup>
- Melting point: 920 °C (anhydrous substance)

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H311: Toxic in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H400: Very toxic to aquatic life.  
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: 6.1 TC4 II • UN 3290 • TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.()
- IMDG: 6.1 II • UN 3290 • TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S. ()
- IATA/ICAO: 6.1 II • UN 3290 • TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S. ()
- PAX: 613
- CAO: 615
- 2°C - 8°C