

Doctor solution (sodium plumbite), according to ASTM D235, reagent for sulfides**Identification**

Taric code: 3822 00 00

Applications

analytical chemistry, for the detection of: sulfides.

Specifications

alkaline aqueous solution	lead (II) oxide (PbO).....saturated
saturated with PbO.	chlorides (Cl).....max. 0,001 %
composition (in 1 l. distilled water):	sulfates (SO ₄).....max. 0,005 %
sodium hydroxide (NaOH)..... 125 g	iron (Fe)..... max. 0,001 %

Physical data

- Density: 1,15 g/cm³
- Solub. in water: (20 °C): miscible

Safety - GHS**Signal Word:** Danger**Hazard Statements:**

- H360Df: May damage the unborn child. Suspected of damaging fertility.
H373: May cause damage to organs through prolonged or repeated exposure.
H314: Causes severe skin burns and eye damage.
H411: Toxic to aquatic life with long lasting effects.
EUH201: Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.

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 C5 II • UN 3266 • CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(Solution Doctor (sodium plumbite))
- IMDG: 8 II • UN 3266 • CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Solution Doctor (sodium plumbite))
- IATA/ICAO: 8 II • UN 3266 • CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Solution Doctor (sodium plumbite))
- PAX: 808
- CAO: 812
- 10°C - 30°C