

Iodine, concentrated solution to prepare 1 l of solution 0,05 mol/l (0,1 N)**Identification**

I₂
M = 253,81 g/mol
CAS [7553-56-2]
EC number: 231-442-4
Taric code: 2801 20 00

Applications

analytical chemistry, disinfectant, in biochemistry, for biology.

Specifications

amount of substance: 12,690 g I₂

concentrated solution..... 0,5 mol/l ± 0,1 %

Physical data

- Density: 1,38 g/cm³
- Solub. in water: (20 °C): miscible
- pH(20 °C) ~ 6,7

Safety - GHS

Signal Word: Warning

Hazard Statements:

H332: Harmful if inhaled.

**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P271: Use only outdoors or in a well-ventilated area.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTER or doctor / physician if you feel unwell.

Transport/storage

- 10°C - 15°C