

Identification

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M = 78,96 g/mol
CAS [7782-49-2]
EC number: 231-957-4
Taric code: 2804 90 00

Applications

analytical chemistry, laboratory reagent, catalyst (for determination of: nitrogen), synthesis of organic products, photography, pigment, in the electronic industry, manufacturing of photoelectric cells, in the rubber industry.

Specifications

assay (gravimetric).....min. 99 %	lead (Pb).....max. 0,05 %
copper (Cu).....max. 0,005 %	residue on ignition.....max. 0,5 %
iron (Fe).....max. 0,05 %	grain size (> 150 µm).....max. 5 %

Physical data

- Appearance: powder, black
- Spec. Density: 4,28 g/cm³
- Bulk density: 1270 kg/m³
- Solub. in water: (20 °C): slightly soluble
- Melting point: 217 °C
- Boiling point: 685 °C
- Vapour pressure: (20 °C) 0,001 hPa

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
H331: Toxic if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure.
H413: May cause long lasting harmful effects to aquatic life.



Precautionary Statements:

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P321: Specific treatment (see on this label).
P311: 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 T5 III • UN 3283 • SELENIUM COMPOUND, SOLID, N.O.S.(Selenium)
- IMDG: 6.1 III • UN 3283 • SELENIUM COMPOUND, SOLID, N.O.S.(Selenium)
- IATA/ICAO: 6.1 III • UN 3283 • SELENIUM COMPOUND, SOLID, N.O.S.(Selenium)
- PAX: 619
- CAO: 619
- 10°C - 30°C