


SO0531 di-Sodium oxalate, secondary standard for volumetric titrations, Titrasure®



assay (on dried sample) min. 99,7 %
 insoluble in water max. 0,005 %
 neutrality passes test
 chlorides (Cl) max. 0,002 %
 sulfates (SO₄) max. 0,002 %
 ammonium (NH₄) max. 0,002 %

heavy metals (as Pb) max. 0,002 %
 iron (Fe) max. 0,001 %
 potassium (K) max. 0,005 %
 substances darkened by H₂SO₄ passes test
 loss on drying max. 0,01 %

ART. NO.	VOLUME	CONTAINER
SO05310080	80 g	

SODIUM PERCHLORATE MONOHYDRATE



SO0535 Sodium perchlorate monohydrate, EssentQ®, Reag. Ph Eur



- NaClO₄·H₂O
- M = 140,46 g/mol
- CAS [7791-07-3]
- EINECS-No.: 231-511-9
- Solub. in water: (20 °C): soluble
- Melting point: 130 °C
- LD 50 (oral, rat): 2100 mg/kg (anhydrous substance)
- EC-Index-No.: 017-010-00-6
- ADR: 5.1 O2 II UN 1502
- IMDG: 5.1 II UN 1502
- IATA/ICAO: 5.1 II UN 1502
- GHS-signal word: Danger
- GHS-H sentences: H271 - H302

- GHS-P sentences: P221 - P283 - P210 - P306 + P360 - P371 + P380 + P375 - P501a
- Tariff number: 2829 90 10 00
- Applications: analytical chemistry, laboratory reagent, oxidizing agent, precipitant for: potassium.

assay (argentometric) min. 99 %
 pH (5 %, H₂O) 4,5 - 7
 total nitrogen (as N) max. 0,001 %
 chlorides and chlorates (as Cl) max. 0,005 %
 sulfates (SO₄) max. 0,005 %
 heavy metals (as Pb) max. 0,001 %
 calcium (Ca) max. 0,005 %
 iron (Fe) max. 5 ppm
 potassium (K) max. 0,01 %

ART. NO.	VOLUME	CONTAINER
SO05350100	100 g	
SO05350500	500 g	

SODIUM PEROXIDE

SO0555 Sodium peroxide, EssentQ®



- Na₂O₂
- M = 77,98 g/mol
- CAS [1313-60-6]
- EINECS-No.: 215-209-4
- Solub. in water: (20 °C): 100 g/l (decomposes)
- Melting point: 460 °C
- Boiling point: 657 °C (decomposes)
- EC-Index-No.: 011-003-00-1
- ADR: 5.1 O2 I UN 1504
- IMDG: 5.1 I UN 1504
- IATA/ICAO: 5.1 I UN 1504
- GHS-signal word: Danger
- GHS-H sentences: H271 - H314

- GHS-P sentences: P221 - P283 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2815 30 00 00
- Applications: oxidizing agent, synthesis of organic products, manufacture of dyes (in the textile industry).

assay (permanganometric) min. 95 %
 chlorides (Cl) max. 0,005 %
 phosphates (as PO₄) max. 0,002 %
 sulfates (SO₄) max. 0,005 %
 total nitrogen (as N) max. 0,005 %
 aluminium (Al) max. 0,005 %
 heavy metals (as Pb) max. 0,005 %
 iron (Fe) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
SO05550100	100 g	
SO05550250	250 g	
SO05551000	1 kg	

SODIUM PEROXODISULFATE

SO0540 Sodium peroxodisulfate, EssentQ®



- Synonyms: Sodium persulfate, Peroxydisulfuric acid disodium salt
- Na₂S₂O₈
- M = 238,09 g/mol
- CAS [7775-27-1]
- EINECS-No.: 231-892-1
- Solub. in water: (20 °C): 545 g/l
- LD 50 (oral, rat): 920 mg/kg
- ADR: 5.1 O2 III UN 1505
- IMDG: 5.1 III UN 1505
- IATA/ICAO: 5.1 III UN 1505
- GHS-signal word: Danger
- GHS-H sentences: H272 - H334 - H302 - H335 - H315 - H319 - H317
- GHS-P sentences: P221 - P210 - P285 - P305 + P351 + P338 - P405 - P501a

- Tariff number: 2833 40 00 10
- Applications: analytical chemistry, laboratory reagent, oxidizing agent, in the electronic industry, for determination of: TOC.
- Appearance: White to almost white crystals

assay (iodometric) min. 98 %
 insoluble in water max. 0,05 %
 Cl compounds (as Cl) max. 0,05 %
 nitrogen compounds (as N) max. 0,1 %
 calcium (Ca) max. 0,01 %
 copper (Cu) max. 0,002 %
 iron (Fe) max. 0,002 %
 lead (Pb) max. 0,002 %
 magnesium (Mg) max. 0,01 %
 nickel (Ni) max. 0,002 %

ART. NO.	VOLUME	CONTAINER
SO05400100	100 g	
SO05401000	1 kg	
SO0540005P	5 kg	