

SODIUM CHLORIDE, THICK SALT

SO0228 Sodium chloride, thick salt, EssentQ®

- Synonyms: Salt, Common salt, Rock salt, Sea salt
- NaCl
- M = 58,44 g/mol
- CAS [7647-14-5]
- EINECS-No.: 231-598-3
- Solub. in water: (20 °C): 358 g/l
- Melting point: 801 °C
- Boiling point: 1461 °C
- Tariff number: 2501 00 31 00
- Applications: analytical chemistry, laboratory reagent, to make sodium salts, in food industry, for decreasing the melting point of water.
- assay (argentometric) min. 98 %

ART. NO.	VOLUME	CONTAINER
SO02280500	500 g	Ⓟ
SO02281000	1 kg	Ⓟ
SO0228005P	5 kg	Ⓟ
SO0228025P	25 kg	Ⓟ

SODIUM CHLORIDE, SATURATED SOLUTION

SO0233 Sodium chloride, saturated solution

- Synonyms: Salt, Common salt, Rock salt, Sea salt; saturated solution
- NaCl
- M = 58,44 g/mol
- CAS [7647-14-5]
- EINECS-No.: 231-598-3
- Tariff number: 3822 00 00 00
- Applications: laboratory reagent.
- composition: 300 g NaCl /1 liter of H₂O

ART. NO.	VOLUME	CONTAINER
SO02331000	1 l	Ⓟ

SODIUM CHLORIDE, VOLUMETRIC SOLUTIONS

SO0229 Sodium chloride, solution 0,1 mol/l (0,1 N)

- NaCl
- M = 58,44 g/mol
- CAS [7647-14-5]
- EINECS-No.: 231-598-3
- Density: 1,004 g/cm³
- Tariff number: 3822 00 00 00
- Applications: laboratory reagent.
- factor 0,999 - 1,001
- uncertainty ± 0,001
- 1 ml = 0,005844 g NaCl
- This volumetric solution was checked by means of potentiometric methods using a silver nitrate standard solution, that was also checked against Scharlau's potassium chloride volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
SO02291000	1 l	Ⓟ

SO0231 Sodium chloride, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1N)

- NaCl
- M = 58,44 g/mol
- CAS [7647-14-5]
- EINECS-No.: 231-598-3
- Density: 1,08 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: laboratory reagent.
- amount of substance: 5,844 g NaCl
- concentrated solution 1 mol/l ± 0,1 %

ART. NO.	VOLUME	CONTAINER
SO023100PA	u.	Ⓟ

SODIUM CHROMATE

SO0250 Sodium chromate, ExpertQ®, for analysis

- Na₂CrO₄
- M = 161,97 g/mol
- CAS [7775-11-3]
- EINECS-No.: 231-889-5
- Solub. in water: (30 °C): 873 g/l
- Melting point: ~ 792°C
- LD 50 (oral, rat): 136 mg/kg
- EC-Index-No.: 024-018-00-3
- ADR: 6.1 T5 II UN 3288
- IMDG: 6.1 II UN 3288
- IATA/ICAO: 6.1 II UN 3288
- GHS-signal word: Danger
- GHS-H sentences: H301 - H330 - H334 - H340 - H350 - H360FD - H372 - H314 - H400 - H410 - H312 - H317
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P320 - P405 - P501a
- Tariff number: 2841 50 00 00
- Applications: analytical chemistry, laboratory reagent, in the textile industry, protection of iron against corrosion and rusting.
- assay (iodometric) min. 99,5 %
- insoluble in water max. 0,01 %
- pH (5 %, H₂O) 8,6 - 9,8
- chlorides (Cl) max. 0,005 %
- sulfates (SO₄) max. 0,005 %
- aluminium (Al) max. 0,003 %
- calcium (Ca) max. 0,005 %
- copper (Cu) max. 0,001 %
- iron (Fe) max. 0,002 %
- lead (Pb) max. 0,005 %
- potassium (K) max. 0,02 %

ART. NO.	VOLUME	CONTAINER
SO02500500	500 g	Ⓟ
SO02501000	1 kg	Ⓟ