

TRI-SODIUM PHOSPHATE ANHYDROUS

 SO0342 tri-Sodium phosphate anhydrous, EssentQ®
 

- Synonyms: tri-Sodium orthophosphate, TSP, Sodium phosphate tribasic
- Na_3PO_4
- M = 163,94 g/mol
- CAS [7601-54-9]
- EINECS-No.: 231-509-8
- Solub. in water: (20 °C): 88 g/l
- Melting point: 75 °C (decomposes)
- ADR: 8 C6 III UN 3262
- IMDG: 8 III UN 3262
- IATA/ICAO: 8 III UN 3262
- GHS-signal word: Danger
- GHS-H sentences: H314

- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2835 23 00 00
- Applications: in food industry, photography, in the paper industry.

assay (acidimetric) min. 97 %
 insoluble in water max. 0,05 %
 free alkali (as NaOH) max. 2 %
 sulfates (SO_4) max. 0,01 %
 total nitrogen (as N) max. 0,001 %
 arsenic (As) max. 1 ppm
 heavy metals (as Pb) max. 0,001 %
 iron (Fe) max. 0,001 %

ART. NO.	VOLUME	CONTAINER
SO03420250	250 g	
SO03420500	500 g	
SO03421000	1 kg	

TRI-SODIUM PHOSPHATE DODECAHYDRATE

- Synonyms: Trisodium phosphate, Sodium phosphate tribasic
- $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
- M = 380,12 g/mol
- CAS [10101-89-0]
- EINECS-No.: 231-509-8

- Solub. in water: (20 °C): 285 g/l
- Melting point: 75 °C
- LD 50 (oral, rat): 7400 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319

- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313
- Tariff number: 2835 23 00 00
- Applications: analytical chemistry, laboratory reagent, detergent, disinfectant.

 SO0340 tri-Sodium phosphate dodecahydrate, ExpertQ®, for analysis, ACS
 

assay (acidimetric) 98,0 - 102,0 %
 identity (IR-spectrum) passes test
 insoluble in water max. 0,01 %
 free alkali (as NaOH) max. 2,5 %
 chlorides (Cl) max. 0,0005 %
 fluorides (F) max. 0,0005 %
 sulfates (SO_4) max. 0,005 %

heavy metals (as Pb) max. 0,001 %
 iron (Fe) max. 0,001 %

ART. NO.	VOLUME	CONTAINER
SO03400500	500 g	
SO03401000	1 kg	
SO0340005P	5 kg	
SO0340025P	25 kg	

 SO0347 tri-Sodium phosphate dodecahydrate, EssentQ®
 

ART. NO.	VOLUME	CONTAINER
SO03470500	500 g	
SO03471000	1 kg	

ART. NO.	VOLUME	CONTAINER
SO0347005P	5 kg	
SO0347025P	25 kg	

TRI-SODIUM PHOSPHATE MONOHYDRATE

 SO0341 tri-Sodium phosphate monohydrate, EssentQ®
 

- Synonyms: Trisodium phosphate, Sodium phosphate tribasic
- $\text{Na}_3\text{PO}_4 \cdot \text{H}_2\text{O}$
- M = 181,96 g/mol
- EINECS-No.: 231-509-8
- Solub. in water: (20 °C): soluble
- LD 50 (oral, rat): 7400 mg/kg
- ADR: 8 C6 III UN 3262
- IMDG: 8 III UN 3262
- IATA/ICAO: 8 III UN 3262
- GHS-signal word: Danger
- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2835 23 00 00

- Applications: analytical chemistry, in food industry.

assay (acidimetric) min. 98 %
 insoluble in water max. 0,05 %
 chlorides (Cl) max. 0,02 %
 sulfates (SO_4) max. 0,05 %
 nitrogen compounds (as N) max. 0,005 %
 copper (Cu) max. 0,003 %
 arsenic (As) max. 5 ppm
 iron (Fe) max. 0,003 %
 lead (Pb) max. 0,003 %
 nickel (Ni) max. 0,003 %

ART. NO.	VOLUME	CONTAINER
SO03411000	1 kg	
SO0341005P	5 kg	