

AR0101 Sea sand, washed, thick

grain size approx. 1-2 mm
 solubility in HCl max. 0,2 %
 chlorides (Cl) max. 0,015 %
 loss on ignition (800 °C) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
AR01011000	1 kg	
AR0101005P	5 kg	

ART. NO.	VOLUME	CONTAINER
AR0101025P	25 kg	

SELENIUM



SE0025 Selenium, black, powder



- Se
- M = 78,96 g/mol
- CAS [7782-49-2]
- EINECS-No.: 231-957-4
- Solub. in water: (20 °C): slightly soluble
- Melting point: 217 °C
- Boiling point: 685 °C
- Vapour pressure: (20 °C) 0,001 hPa
- LD 50 (oral, rat): 360 mg/kg
- EC-Index-No.: 034-001-00-2
- ADR: 6.1 T5 III UN 3283
- IMDG: 6.1 III UN 3283
- IATA/ICAO: 6.1 III UN 3283

- GHS-signal word: Danger
- GHS-H sentences: H301 - H331 - H373 - H413
- GHS-P sentences: P260 - P261 - P321 - P304 + P340 - P405 - P501a
- Tariff number: 2804 90 00 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.

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

ART. NO.	VOLUME	CONTAINER
SE00250050	50 g	
SE00250100	100 g	
SE00250250	250 g	

SELENIUM DIOXIDE

SE0039 Selenium dioxide, EssentQ®



- Synonyms: Selenium(IV) oxide, Selenious anhydride
- SeO₂
- M = 110,96 g/mol
- CAS [7446-08-4]
- EINECS-No.: 231-194-7
- Solub. in water: (14 °C): 384 g/l
- Vapour pressure: (70 °C) 16 hPa
- LD 50 (oral, rat): 68,1 mg/kg
- EC-Index-No.: 034-002-00-8
- ADR: 6.1 T5 II UN 3283
- IMDG: 6.1 II UN 3283

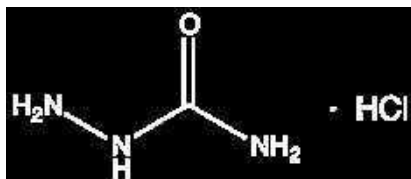
- IATA/ICAO: 6.1 II UN 3283
- GHS-signal word: Danger
- GHS-H sentences: H301 - H331 - H373 - H400 - H410
- GHS-P sentences: P260 - P261 - P321 - P304 + P340 - P405 - P501a
- Tariff number: 2811 29 90 90
- Applications: laboratory reagent, synthesis of organic products, oxidizing agent.

assay (iodometric) min. 98 %

ART. NO.	VOLUME	CONTAINER
SE00390250	250 g	
SE00391000	1 kg	

SEMICARBAZIDE HYDROCHLORIDE

SE0070 Semicarbazide hydrochloride, EssentQ®



- Synonyms: Hydrazinecarboxamide monohydrochloride, N-Aminourea hydrochloride, Carbamylhydrazine hydrochloride
- CH₅N₃O·HCl
- M = 111,53 g/mol
- CAS [563-41-7]
- EINECS-No.: 209-247-0
- Solub. in water: (20 °C): freely soluble
- Melting point: 174 - 178 °C (decomposes)
- LD 50 (oral, rat): 123 mg/kg
- ADR: 6.1 T2 III UN 2811
- IMDG: 6.1 III UN 2811
- IATA/ICAO: 6.1 III UN 2811
- GHS-signal word: Danger
- GHS-H sentences: H301 - H330 - H373 - H315 - H319
- GHS-P sentences: P260 - P284 - P305 + P351 + P338 - P320 - P405 - P501a
- Tariff number: 2928 00 90 90
- Applications: analytical chemistry, laboratory reagent (for the analysis of: aldehydes and ketones), synthesis of organic products.
- Appearance: White crystalline powder

assay (argentometric) min. 98 %
 identity (IR-spectrum) passes test
 residue on ignition max. 0,02 %

ART. NO.	VOLUME	CONTAINER
SE00700100	100 g	