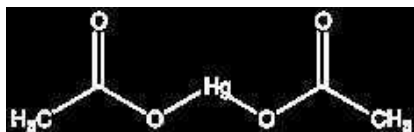


MERCURY(II) ACETATE



- Synonyms: Acetic acid mercury(II) salt, Mercuric salts
- $\text{Hg}(\text{CH}_3\text{COO})_2$
- $M = 318,68 \text{ g/mol}$
- CAS [1600-27-7]
- EINECS-No.: 216-491-1
- Solub. in water: (20 °C): 400 g/l
- Melting point: 178 - 180 °C
- LD 50 (oral, rat): 40,9 mg/kg
- EC-Index-No.: 080-002-00-6

- ADR: 6.1 T5 II UN 1629
- IMDG: 6.1 II UN 1629
- IATA/ICAO: 6.1 II UN 1629
- GHS-signal word: Danger
- GHS-H sentences: H300 - H310 - H330 - H373 - H400 - H410
- GHS-P sentences: P260 - P284 - P320 - P361 - P405 - P501a
- Tariff number: 2852 10 00 00
- Applications: for mercuration of organic compounds.

ME0120 Mercury(II) acetate, EssentQ®



assay (complexometric) min. 98,5 %
 identity (IR-spectrum) passes test
 insoluble matter max. 0,05 %
 chlorides (Cl) max. 0,025 %

sulfates (SO_4) max. 0,02 %
 iron (Fe) max. 0,005 %
 mercury (I) (as Hg) max. 0,5 %
 residue after reduction max. 0,05 %

ART. NO.	VOLUME	CONTAINER
ME01200100	100 g	
ME01200250	250 g	

ME0121 Mercury(II) acetate, ExpertQ®, for analysis, ACS, Reag. Ph Eur



assay (complexometric) min. 99,0 %
 identity (IR-spectrum) passes test
 insoluble matter max. 0,01 %
 chlorides (Cl) max. 0,005 %
 nitrates (NO_3) max. 0,005 %

sulfates (SO_4) max. 0,005 %
 other heavy metals (as Pb) max. 0,002 %
 iron (Fe) max. 0,001 %
 mercury (I) (as Hg) max. 0,3 %
 residue after reduction max. 0,02 %

ART. NO.	VOLUME	CONTAINER
ME01210100	100 g	
ME01211000	1 kg	

MERCURY(I) CHLORIDE

ME0160 Mercury(I) chloride, EssentQ®



- Synonyms: Calomel, Mercurous salts
- Hg_2Cl_2
- $M = 472,09 \text{ g/mol}$
- CAS [10112-91-1]
- EINECS-No.: 233-307-5
- Solub. in water: (20 °C): 0,0023 g/l
- Vapour pressure: (120 °C) - 0,015 hPa
- LD 50 (oral, rat): 210 mg/kg
- EC-Index-No.: 080-003-00-1
- ADR: 9 M7 III UN 3077
- IMDG: 9 III UN 3077
- IATA/ICAO: 9 III UN 3077

- GHS-signal word: Warning
- GHS-H sentences: H400 - H410 - H302 - H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2852 10 00 00
- Applications: laboratory reagent, in porcelain industry, electrolyte for batteries, fungicide, antiseptic.

assay (iodometric) min. 99 %
 residue on ignition max. 0,1 %

ART. NO.	VOLUME	CONTAINER
ME01600100	100 g	

MERCURY(II) CHLORIDE

- HgCl_2
- $M = 271,50 \text{ g/mol}$
- CAS [7487-94-7]
- EINECS-No.: 231-299-8
- Solub. in water: (20 °C): 74 g/l
- Melting point: 280,7 °C
- Boiling point: 302 °C

- Vapour pressure: (20 °C) 0,0001 hPa
- LD 50 (oral, rat): 1 mg/kg
- EC-Index-No.: 080-010-00-X
- ADR: 6.1 T5 II UN 1624
- IMDG: 6.1 II UN 1624
- IATA/ICAO: 6.1 II UN 1624
- GHS-signal word: Danger

- GHS-H sentences: H300 - H372 - H341 - H361f - H314 - H400 - H410
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2852 10 00 00
- Applications: analytical chemistry, catalyst, synthesis of organic products.

ME0169 Mercury(II) chloride, extra pure, Phampur®, Ph Eur, BP



assay (complexometric, referred to dried sample) 99,5 - 100,5 %
 identification passes test
 appearance of solution passes test
 acidity or alkalinity passes test
 mercury (I) chloride passes test

loss on drying (at vacuum) max. 1,0 %
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
ME01690100	100 g	
ME01690250	250 g	
ME01691000	1 kg	