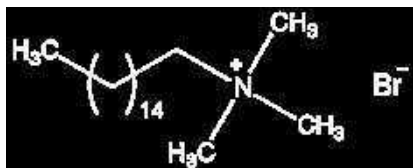


HEXADECYLTRIMETHYLAMMONIUM BROMIDE

BR0168 Hexadecyltrimethylammonium bromide, EssentQ®



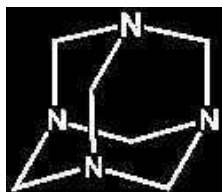
- Synonyms: Cetrimonium bromide, Trimethylhexadecylammonium bromide, N-Cetyl-N,N,N-trimethylammonium bromide, CTAB
- $C_{19}H_{42}BrN$
- $M = 364,46 \text{ g/mol}$
- CAS [57-09-0]
- EINECS-No.: 200-311-3
- Solub. in water: (20 °C): 3 g/l
- Melting point: 237 - 243 °C
- LD 50 (oral, rat): 410 mg/kg
- ADR: 9 M7 III UN 3077
- IMDG: 9 III UN 3077
- IATA/ICAO: 9 III UN 3077
- GHS-signal word: Danger
- GHS-H sentences: H302 - H315 - H318 - H335 - H373 - H410
- GHS-P sentences: P280 - P273 - P305 + P351 + P338 - P321 - P362 - P501a
- Tariff number: 2923 90 00 90
- Applications: chromatography, detergent, antiseptic, laboratory reagent, synthesis of organic products.

assay (argentometric)min. 96 %

ART. NO.	VOLUME	CONTAINER
BR01680025	25 g	0
BR01680250	250 g	0
BR01680500	500 g	0

HEXAMETHYLENETETRAMINE

HE0200 Hexamethylenetetramine, EssentQ®



- Synonyms: Hexamine, Methenamine, Formin, Urotropin
- $C_6H_{12}N_4$
- $M = 140,19 \text{ g/mol}$
- CAS [100-97-0]
- EINECS-No.: 202-905-8
- Solub. in water: (20 °C): 100 g/l
- Flash pt. 250 °C
- LD 50 (oral, rat): 9200 mg/kg
- EC-Index-No.: 612-101-00-2
- ADR: 4.1 F1 III UN 1328
- IMDG: 4.1 III UN 1328
- IATA/ICAO: 4.1 III UN 1328
- GHS-signal word: Warning
- GHS-H sentences: H228 - H317

- GHS-P sentences: P210 - P241 - P261 - P280 - P321 - P501a
 - Tariff number: 2933 69 20 00
 - Applications: manufacture of adhesives, in the rubber industry, corrosion inhibitor (steel), in explosive compositions, stabilizer.
- assay (titr. with $HClO_4$)min. 99 %
 identity (IR-spectrum)passes test
 residue on ignitionmax. 0,05 %

ART. NO.	VOLUME	CONTAINER
HE02000500	500 g	0
HE02001000	1 kg	0

n-HEXANE 99%



- Synonyms: n-Caproylhydride, n-Hexylhydride
- C_6H_{14}
- $M = 86,18 \text{ g/mol}$
- CAS [110-54-3]
- EINECS-No.: 203-777-6
- Density: 0,66 g/cm³
- Solub. in water: (20 °C): 0,0095 g/l
- Melting point: -94,3 °C
- Boiling point: 69 °C
- Flash pt. -22 °C
- Ignition temp.: 240 °C
- Vapour pressure: (20 °C) 160 hPa

- Dielectric const.: (20 °C) 1,8
- LD 50 (oral, rat): 28710 mg/kg
- EC-Index-No.: 601-037-00-0
- ADR: 3 F1 II UN 1208
- IMDG: 3 II UN 1208
- IATA/ICAO: 3 II UN 1208
- GHS-signal word: Danger
- GHS-H sentences: H225 - H304 - H361f - H373 - H315 - H336 - H411
- GHS-P sentences: P210 - P241 - P260 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 2901 10 00 00

HE0232 n-Hexane, min. 99%, ExpertQ®, for analysis, ACS



assay (G.C.)min. 99 %
 identity (IR-spectrum)passes test
 density (20°/4°)0,659 - 0,662
 appearanceclear colour (Hazen)max. 10
 acidity or alkalinitymax. 0,0002 meq/g
 aluminium (Al)max. 0,5 ppm
 barium (Ba)max. 0,1 ppm
 boron (B)max. 0,02 ppm
 cadmium (Cd)max. 0,05 ppm
 calcium (Ca)max. 0,5 ppm
 chromium (Cr)max. 0,02 ppm
 cobalt (Co)max. 0,02 ppm
 copper (Cu)max. 0,02 ppm

iron (Fe)max. 0,1 ppm
 lead (Pb)max. 0,1 ppm
 magnesium (Mg)max. 0,1 ppm
 manganese (Mn)max. 0,02 ppm
 nickel (Ni)max. 0,02 ppm
 tin (Sn)max. 0,1 ppm
 zinc (Zn)max. 0,1 ppm
 aromatic hydrocarbons (as C_6H_6)max. 0,01 %
 sulfur compounds (as S)max. 0,005 %
 thiophene (C_4H_4S)max. 0,0001 %
 substances darkened by H_2SO_4 passes test
 residue on evaporationmax. 0,0005 %
 water (K.F.)max. 0,005 %

ART. NO.	VOLUME	CONTAINER
HE02321000	1 l	0
HE02322500	2,5 l	0
HE0232007E	7 l	0
HE0232025S	25 l	0