

1-OCTANE SULFONIC ACID, SODIUM SALT

AC1701 1-Octane sulfonic acid, sodium salt, HPLC grade



- Synonyms: Sodium 1-octylsulfonate
- $C_8H_{17}NaO_3S$
- $M = 216,28 \text{ g/mol}$
- CAS [5324-84-5]
- EINECS-No.: 226-195-4
- Solub. in water: (20 °C): soluble
- Melting point: > 300 °C
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313
- Tariff number: 2904 10 00 90
- Applications: analytical chemistry, chromatography.

assay (acidimetric) min 99 %
 pH (10 %, H_2O) 5,5 - 7,5
 loss on drying max. 1 %
 0,1M in a 1cm cell at 254 nm
 absorbance of an aqueous solution
 0,1M in a 1cm cell at 254 nm max. 0,045 AU
 absorbance of an aqueous solution 0,005 M
 in a 1 cm cell at
 200 nm. max. 0,15 AU
 220 nm. max. 0,05 AU

ART. NO.	VOLUME	CONTAINER
AC17010025	25 g	0
AC17010100	100 g	0

1-OCTANE SULFONIC ACID, SODIUM SALT MONOHYDRATE

AC1702 1-Octane sulfonic acid, sodium salt monohydrate, HPLC grade



- Synonyms: Sodium 1-octylsulfonate monohydrate
- $C_8H_{17}NaO_3S \cdot H_2O$
- $M = 234,29 \text{ g/mol}$
- CAS [207596-29-0]
- Solub. in water: (20 °C): soluble
- Tariff number: 2904 10 00 90
- Applications: analytical chemistry, chromatography.

assay (acidimetric) min. 99 %
 identity (IR-spectrum) passes test
 insoluble matter passes test
 max. absorbance of an aqueous sol. 10 % in a 1,0 cm
 cell at wavelength absorbance
 210 nm. 0,1 AU
 220 nm. 0,06 AU
 230 nm. 0,04 AU
 260 nm. 0,02 AU

ART. NO.	VOLUME	CONTAINER
AC17020025	25 g	0
AC17020100	100 g	0

OCTANOIC ACID

AC0670 Octanoic acid, EssentQ®



- Synonyms: Caprylic acid
- $C_8H_{16}O_2$
- $M = 144,22 \text{ g/mol}$
- CAS [124-07-2]
- EINECS-No.: 204-677-5
- Density: 0,91 g/cm³
- Solub. in water: (20 °C): 0,68 g/l
- Melting point: 16,5 °C
- Boiling point: 237 °C
- Flash pt. 130 °C
- Ignition temp.: 440 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- LD 50 (oral, rat): 10080 mg/kg
- ADR: 8 C3 III UN 3265
- IMDG: 8 III UN 3265
- IATA/ICAO: 8 III UN 3265
- GHS-signal word: Danger
- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2915 90 80 90
- Applications: synthesis of organic products, manufacture of dyes, perfumery.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,909 - 0,910
 capric acid (G.C.) max. 0,5 %
 acidity index 387 - 389
 saponifiable impurities max. 0,2 %
 iodine index max. 0,2
 residue on ignition max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AC06701000	1 l	0