

Identification

Taric code: 3822 00 00

Applications

analytical chemistry, chromatography.

Specifications

formic acid content (v/v).....0,093 - 0,107 %
calcium (Ca).....max. 0,5 ppm
magnesium (Mg).....max. 0,5 ppm
potassium (K).....max. 0,5 ppm
sodium (Na).....max. 2 ppm
suitability for use in LC-MS..... passes test

maximum peak absorbance:..... 0,05 AU
min. transmission/max. absorbance in a 1,0 cm cell at
wavelength:..... T(%) A (AU)
210 nm..... 5 % 1,301 AU
230 nm..... 15 % 0,824 AU
254 nm..... 90 % 0,046 AU

gradient grade (254 nm)

Microfiltered through membranes of pore diameter 0,22 µm

Physical data

- Density: 0,78 g/cm³
- Flash point: 2 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
- H312: Harmful in contact with skin.
- H332: Harmful if inhaled.
- H319: Causes serious eye irritation.



Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
- P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P370+P378: In case of fire: Use ... for extinction.
- P403+P235: Store in a well-ventilated place. Keep cool.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 F1 II • UN 1993 • FLAMMABLE LIQUID, N.O.S. (Acetonitrile with 0,1% formic acid)
- IMDG: 3 II • UN 1993 • FLAMMABLE LIQUID, N.O.S.(Acetonitrile with 0,1% formic acid)
- IATA/ICAO: 3 II • UN 1993 • FLAMMABLE LIQUID, N.O.S.(Acetonitrile with 0,1% formic acid)
- PAX: 353
- CAO: 364
- 10°C - 30°C