

Identification

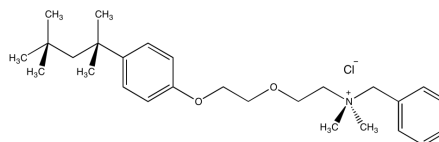
C₂₇H₄₂ClNO₂

M = 448,18 g/mol

CAS [121-54-0]

EC number: 204-479-9

Taric code: 2923 90 00



Synonyms

N-Benzyl-N,N-dimethyl-N-[4-(1,1,3,3-tetramethylbutyl)-phenoxyethoxyethyl]ammonium chloride, Benzethonium chloride

Applications

analytical chemistry, for the analysis of: tensioactive substances (detergent).

Specifications

assay (titration with HClO₄, on dried sample) min. 99 %

identity (IR-spectrum).....passes test

pH (10 %, H₂O)..... 5,0 - 6,5

water (K.F.)..... max. 4 %

Physical data

- Bulk density: ~ 240 kg/m³
- Solub. in water: (20 °C): freely soluble
- Melting point: 164 - 166 °C
- pH(10 g/l H₂O, 20 °C) 4,8 - 5,5

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.



Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P273: Avoid release to the environment.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see on this label).

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Hyamine® 1622)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Hyamine® 1622)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Hyamine® 1622)
- PAX: 911
- CAO: 911
- 10°C - 30°C