

Ammonium cerium(IV) nitrate, EssentQ®**Identification**

(NH₄)₂[Ce(NO₃)₆]
M = 548,23 g/mol
CAS [16774-21-3]
EC number: 240-827-6
Taric code: 2846 10 00

Synonyms

di-Ammonium hexanitratocerate (IV), Ceric ammonium nitrate

Applications

analytical chemistry, titrant in volumetric analysis.

Specifications

assay (oxidimetric)..... min. 99 %

Physical data

- Bulk density: 1200 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: ~ 108 °C
- pH(50 g/l H₂O, 20 °C) 1

Safety - GHS

Signal Word: Danger

Hazard Statements:

H272: May intensify fire; oxidiser.
H318: Causes serious eye damage.

**Precautionary Statements:**

P221: Take any precaution to avoid mixing with combustibles.
P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor / physician.
P370+P378: In case of fire: Use ... for extinction.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 5.1 O2 II • UN 1477 • NITRATES, INORGANIC, N.O.S.
- IMDG: 5.1 II • UN 1477 • NITRATES, INORGANIC, N.O.S.
- IATA/ICAO: 5.1 II • UN 1477 • NITRATES, INORGANIC, N.O.S.
- PAX: 508
- CAO: 511
- 10°C - 30°C