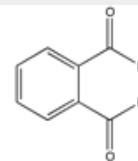


Phthaldialdehyde, for aminoacid analysis

Identification

$C_8H_6O_2$
M = 134,14 g/mol
CAS [643-79-8]
EC number: 211-402-2
Taric code: 2912 29 00

**Synonyms**

OPA

Applications

analytical chemistry, fluorescent indicator.

Specifications

assay (G.C.)..... min. 99 %

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

Physical data

- Appearance: crystals, yellowish
- Bulk density: ~ 530 kg/m³
- Solub. in water: (25 °C): soluble
- Melting point: 53 - 55 °C
- Flash point: > 110 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
H314: Causes severe skin burns and eye damage.
H400: Very toxic to aquatic life.
H317: May cause an allergic skin reaction.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 TC2 II • UN 2928 • TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S. (Phthaldialdehyde)
- IMDG: 6.1 II • UN 2928 • TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S. (Phthaldialdehyde)
- IATA/ICAO: 6.1 II • UN 2928 • TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S. (Phthaldialdehyde)
- PAX: 613
- CAO: 615
- 2°C - 8°C