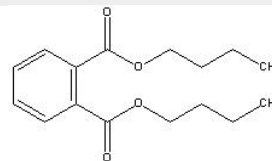


Identification

$C_{16}H_{22}O_4$
 M = 278,35 g/mol
 CAS [84-74-2]
 EC number: 201-557-4
 Taric code: 2917 31 00


Synonyms

Phthalic acid dibutyl ester, DBP

Applications

synthesis of organic products, insect repellent.

Specifications

assay (G.C.).....min. 99 %	density (20°/4°)..... 1,045 - 1,048
identity (IR-spectrum).....passes test	residue on ignition.....max. 0,01 %

Physical data

- Density: 1,05 g/cm³
- Solub. in water: (20 °C): 0,4 g/l
- Boiling point: ~ 340 °C
- Flash point: 171 °C
- Ignition temperature: ~ 370 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

H360Df: May damage the unborn child. Suspected of damaging fertility.
 H400: Very toxic to aquatic life.


Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P273: Avoid release to the environment.
 P308+P313: IF exposed or concerned: Get medical advice / attention.
 P391: Collect spillage.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M6 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibutyl phthalate)
- IMDG: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibutyl phthalate)
- IATA/ICAO: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibutyl phthalate)
- PAX: 964
- CAO: 964
- 15°C - 25°C