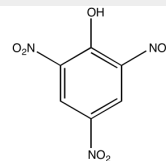


**Picric acid (with approx. 30% H₂O), for analysis, ExpertQ®, ACS,
Reag. Ph Eur**
Identification

C₆H₃N₃O₇
M = 229,11 g/mol
CAS [88-89-1]
EC number: 201-865-9
Taric code: 2908 99 00


Synonyms

2,4,6-Trinitrophenol

Applications

analytical chemistry, laboratory reagent, chromatography.

Specifications

assay (acidimetric, on dried sample).....	min. 99 %	insoluble in water.....	max. 0,03 %
identity (IR-spectrum).....	passes test	chlorides (Cl).....	max. 0,001 %
insoluble in toluene.....	max. 0,1 %	sulfates (SO ₄).....	max. 0,01 %
insoluble and resinous matter.....	max. 0,01 %	residue on ignition.....	max. 0,05 %
		water	min. 30 %

Physical data

- Solub. in water: (20 °C): slightly soluble
- Melting point: 121,4 °C
- Flash point: 150 °C
- Ignition temperature: 300 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H228: Flammable solid.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H331: Toxic if inhaled.
EUH001: Explosive when dry.


Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P241: Use explosion-proof electrical / ventilating / lighting / equipment.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 4.1 D I • UN 1344 • TRINITROPHENOL (PICRIC ACID), WETTED
- IMDG: 4.1 I • UN 1344 • PICRIC ACID, WETTED
- IATA/ICAO: 4.1 I • UN 1344 • PICRIC ACID, WETTED
- PAX: 416
- CAO: 412
- 10°C - 30°C