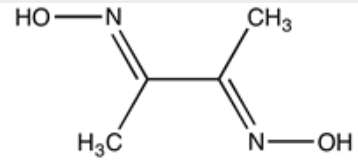


Dimethylglyoxime, for analysis, ExpertQ®, ACS

Identification

$C_4H_8N_2O_2$
M = 116,12 g/mol
CAS [95-45-4]
EC number: 202-420-1
Taric code: 2928 00 90

**Synonyms**

2,3-Butanedionedioxime, Diacetyldioxime

Applications

analytical chemistry, synthesis of organic products, for spectrophotometric determinations, for determination of: nickel.

Specifications

assay (gravimetric).....min. 98,0 %	insoluble in C ₂ H ₅ OH max. 0,02 %
identity (IR-spectrum).....passes test	residue on ignition..... max. 0,05 %
melting point.....238 - 242 °C	suitability for precipitation of Ni passes test

Physical data

- Bulk density: ~ 620 kg/m³
- Solub. in water: (20 °C): almost insoluble
- Melting point: 240 - 241 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

H228: Flammable solid.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P241: Use explosion-proof electrical / ventilating / lighting / equipment.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P240: Ground/bond container and receiving equipment.
P370+P378: In case of fire: Use ... for extinction.

Transport/storage

- ADR: 4.1 F1 II • UN 1325 • FLAMMABLE SOLID, ORGANIC, N.O.S. (Dimethylglyoxime)
- IMDG: 4.1 II • UN 1325 • FLAMMABLE SOLID, ORGANIC, N.O.S. (Dimethylglyoxime)
- IATA/ICAO: 4.1 II • UN 1325 • FLAMMABLE SOLID, ORGANIC, N.O.S. (Dimethylglyoxime)
- PAX: 446
- CAO: 449
- 10°C - 30°C