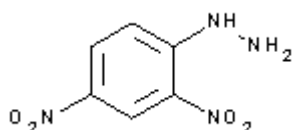


PRODUCT CODE: 122325

2,4-Dinitrophenylhydrazine moistened with~ 33% of H2O (Reag. Ph. Eur.) for analysis

$C_6H_6N_4O_4$

$(NO_2)_2C_6H_3NHNH_2$



M.= 198,14

CAS [119-26-6]

EINECS 204-309-3

TARIC 2928 00 90 90

SYNONYMS: DNPH

PHYSICAL DATA: crystalline powder, Red, Insoluble in water Thermal decom. above 160 °C • M.P.: 200 °C •

BIBLIOGRAPHY: Merck Index **12**, 3.336 13, 3.312 Sax **DVC400** • Safety **2**, **1440 D** • Römp **8**, **973** • Beilstein **15**, **489 I**, **146 II**, **215 III**, **425 IV**, **380** • BRN 615586 • Fieser 1330 2176 •

HAZARDOUS: RTECS: MV 3325000 • LD50 ipr mus 450 mg/kg



H: EUH001 • H302 • H319 • H315 •

P: P264 • P270 • P280 • P301+P312 • P302+P352 • P501 • P305+P351+P338 • P321 • P330 • P332+P313 • P337+P313 • P362 •

TRANSPORT REGULATIONS: UN: 1325 • ADR: 4.1/III • IMDG: 4.1/III • IATA: 4.1/III • PAX: 446 • CAO: 448 • (E)

OBSERVATIONS: Storage above 0°C •

SPECIFICATIONS:

Minimum assay (HPLC.)

99,0%

Identity :

Identity	IR passes test
Melting range	199-202°C

Maximum limit of impurities

Insoluble matter in H ₂ SO ₄	0,01 %
Residue on ignition (as SO ₄)	0,02 %
Chloride (Cl)	0,01%
Sulfate (SO ₄)	0,01%
Sensitivity to carbonyl group	passes test

Cu	0,001	%
Fe	0,001	%
Ni	0,001	%
Pb	0,001	%

(Analysis applied to the dry substance)