



**PRODUCT CODE: 121428**

**Mercury(II) Iodide red for analysis**

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HgI<sub>2</sub>

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M.= 454,40

CAS [7774-29-0]

EINECS 231-873-8

TARIC 2852 10 00 00

**SYNONYMS:** Mercury Biiodide

**PHYSICAL DATA:** crystalline powder, Scarlett-red, Insoluble in water D 6,094 • M.P.: 259 °C • B.P.: 354 °C • pH6 - 7 • Vap. press. (60 °C) 0,001 hPa •

**BIBLIOGRAPHY:** Merck Index **12**, 5.932 13, 5.905 Sax **MDD000** • Safety **2** , **2218 B** • Römp **8** , **3448** • Fieser **250 370** • ACS **XI** •

**HAZARDOUS:** C.E: 080-002-00-6 • RTECS: OW 5250000 • LD L0 oral man 357 mg/kg • LD50 oral mus 17 mg/kg • LD50 oral rat 18 mg/kg • LD50 skn rat 75 mg/kg • LD50 ipr mus 4,2 mg/kg VLA-ED (Hg) 0,025 mg/m3



H: H330 • H310 • H300 • H373 • H410 •

P: P260 • P262 • P264 • P270 • P271 • P501 • P273 • P280 • P284 • P301+P310 • P302+P350 • P304+P340 • P310 • P314 • P320 • P321 • P322 • P330 • P361 • P363 • P391 • P403+P233 • P405 •

**TRANSPORT REGULATIONS:** UN: 1638 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 669 • CAO: 676 • (D/E) •

**OBSERVATIONS:** May be subject to export control •

**SPECIFICATIONS:**

Minimum assay (Arg.)

99%

**Maximum limit of impurities**

Insoluble matter in IK	passes test
Residue on ignition (as SO <sub>4</sub> )	0,05 %
Soluble mercury salts (as Hg)	0,05%
Hg (I)	0,1%
Cu	0,001 %
Ni	0,001 %
Pb	0,001 %

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