



Johnson Matthey
Chemical Products

Ruthenium dioxide hydrated



Product name

Ruthenium(IV) oxide hydrated

Chemical formula

$\text{RuO}_2 \cdot x\text{H}_2\text{O}$

Product code*

UK - 192010

* This product can be ordered worldwide under the UK product code.

CAS Number

12036-10-1

Product family

Pgm compound (solid)

Process

Metal deposition

Market

Electronics

Benefits

Ruthenium dioxide hydrated is air stable and halide free. It has a high ruthenium content.

Application

Ruthenium dioxide (hydrated) can be oxidised to form hazardous and volatile RuO_4 in situ. This is used to deposit ruthenium in processes such as chemical vapour deposition.

Shipping & Handling

Ruthenium dioxide (hydrated) is oxidising and contact with combustible material may cause fire.

Please refer to the relevant Safety Data Sheet for further information.

www.chemicals.matthey.com
Johnson Matthey, Orchard Road
Royston, SG8 5HE, UK
Tel. +44 1763 253000

© Johnson Matthey 2015

Form:	solid
Ruthenium content:	54.0 - 58.0 % w/w
Colour:	dark blue/black