



Johnson Matthey
Chemical Products

Osmium tetroxide solid



Product name

Osmium(VIII) tetroxide solid

Chemical formula

OsO_4

Product code*

UK - 166006

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

CAS Number

20816-12-0

Product family

Pgm compound (solid)

Process

Miscellaneous

Market

Chemicals

Benefits

This product contains osmium in oxidation state VIII, which is highly reactive.

Application

Osmium tetroxide is used as a staining agent for electron microscopy. It is also used as an oxidation catalyst. It is volatile and hazardous so must be handled with appropriate control measures.

Shipping & Handling

Fatal if swallowed, in contact with skin or if inhaled.
Causes severe skin burns and eye damage.

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
Osmium content:	75.0 % w/w
Colour:	pale yellow