



Johnson Matthey
Chemical Products

Ruthenium oxalate solution



Product name

Bis(ethandioate)ruthenium(III) acid

Chemical formula

$H_3Ru(C_2O_4)_3$

Product code*

US – 090903

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

CAS Number

n/a

Product family

Pgm compound solution (aqueous)

Process

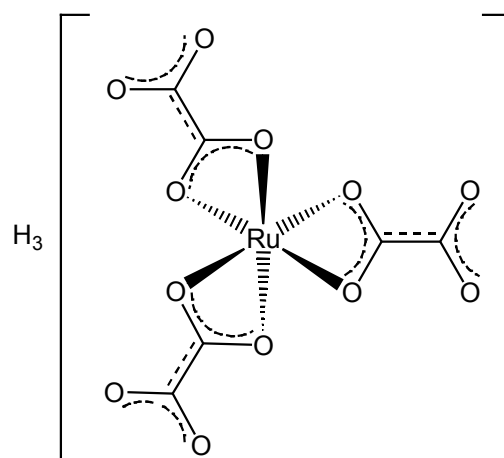
Metal deposition

Market

Catalyst manufacturing

Benefits

Ruthenium (IV) oxalate is air stable and halide free. It decomposes with heat to ruthenium metal and carbon dioxide which makes it an ideal and clean precursor for the manufacture of ruthenium containing heterogeneous catalysts.



Application

Ruthenium(III) oxalate is used to deposit and widely disperse ruthenium metal on carbon, alumina, silica and zeolite support materials in the manufacture of a wide variety of ruthenium based heterogeneous catalysts.

Shipping & Handling

Ruthenium(III) oxalate is corrosive. Please refer to the relevant Safety Data Sheet.

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

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Form:	solution
Ruthenium content:	4.0 - 6.0 % w/w
Colour:	green/black