

CAS <sup>1</sup>	Name	Lead Registrant / Sample Provider	Solubility <sup>2</sup>	JMTC	Ext Lab	Notes
<b>Pt substances</b>						
7440-06-4	Platinum	Vale Inco	<microg/l		√	T/D test
18496-40-07	Platinum dinitrate		'10s g/l'	?		Is solid representative?
10025-99-7	Dipotassium tetrachloroplatinate	Heraeus	g/l	√		OECD >0.02g/l test
20634-12-2	Tetraammineplatinum dinitrate		10s g/l	?		Solid not available-explosive
13933-32-9	Tetraammineplatinum dichloride	Johnson Matthey	10s g/l	√		OECD >0.02g/l test
14286-02-3	Diammineplatinum (II) nitrite		10s g/l	√		OECD >0.02g/l test
16941-12-1	Hexachloroplatinic acid	Johnson Matthey	10s g/l			Solubility data available
68133-90-4	Dihydrogen hexahydroxyplatinate, compound with 2-aminoethanol (1:2)		mg/l		√	OECD <0.02g/l test
1314-15-4	Platinum dioxide	Umicore	microg/l		√	T/D test
16921-30-5	Dipotassium hexachloroplatinate		g/l	√		OECD >0.02g/l test
68478-92-2	Karstedt concentrate	Heraeus				Not available as a solid. Decomposes in water.
<b>Pd substances</b>						
7440-05-3	Palladium	Umicore	<microg/l		√	T/D test
14221-01-3	Tetrakis(triphenylphosphine)palladium	Umicore	microg/l			Decomposes in water
16970-55-1	Dihydrogen tetrachloropalladate(2-)	Heraeus	10s g/l	√		OECD >0.02g/l test
1314-08-5	Palladium monoxide		<microg/l		√	T/D test
10102-05-3	Palladium dinitrate	Heraeus	10s g/l	√		OECD >0.02g/l test
14024-61-4	Palladium (II) di(4-oxopent-2-en-2-oate)	Heraeus	Low g/l	√		OECD >0.02g/l test
7647-10-1	Palladium dichloride		mg/l		√	OECD <0.02g/l test
13965-03-2	Dichlorobis(triphenylphosphine)palladium	Heraeus	mg/l		√	OECD <0.02g/l test
3375-31-3	Palladium(II) acetate		mg/l		√	OECD <0.02g/l test
13566-03-5	Palladium sulphate		10s g/l	√		OECD >0.02g/l test
13820-53-6	Disodium tetrachloropalladate		10s g/l	√		OECD >0.02g/l test
14323-43-4 or 13782-33-7	Diamminedichloropalladium		g/l	√		OECD >0.02g/l test May slowly hydrolyse in water?
13815-17-3	Tetraamminepalladium(2+) dichloride		10s g/l	√		OECD >0.02g/l test
13601-08-6	Tetraamminepalladium (II) nitrate	Johnson Matthey	10s g/l	?		Solid may be explosive. Is it available?
68413-68-3	Tetraamminepalladium(2+) dihydroxide		10s g/l	√		OECD >0.02g/l test
61495-96-3	Tetraamminepalladium(2+) diacetate	Umicore	10s g/l	?		Solid not available



10025-97-5	Iridium tetrachloride		10s g/l	√		OECD >0.02g/l test
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1. From WCA testing proposals spreadsheet dated 16 March 2010
2. From D Boyd memorandum on estimated solubilities dated 18 March 2009

1 Solubility data available

2 Decompose in water

9 T/D test at external laboratory

11 <0.02g/l OECD test at external laboratory

18 >0.02g/l OECD test at JMTC

11 Unresolved questions/issues/clarification

52 substances

D Boyd 29 June 2010