

Platinum group metals indicative list
Last update: 9 September 2009

REACH Category	Name of the substance	Identification numbers		Information on compound's hydrate (if		REACH-relevant classification (as per Annex I of Directive 67/548/EEC)	Total number of registrations	Tonnage bands declared by Consortium Members				Pre-SIEF sizes		
		CAS	EC	CAS	EC			100-1000 tonnes/year	10-100 tonnes/year	1-10 tonnes/year				
Mono-constituent substances	Platinum	7440-06-4	231-116-1			None	18			7	7s	11	11s	536
	Hexachloroplatinic acid (in aq. solution)	16941-12-1	241-010-7	26023-84-7 or 18497-13-7		None	9			3	3s	6	4s + 2i	107
	Tetraammineplatinum dichloride	13933-32-9	237-706-5			None	3					3	2s + 1i	23
	Tetraammineplatinum dinitrate (in solution)	20634-12-2	243-929-9			None	3		1	1s	2	2s		25
	Diammineplatinum (II) nitrite (in suspension)	14286-02-3	238-203-3			None	2				2	2s		23
	Dipotassium tetrachloroplatinate	10025-99-7	233-050-9			None	1				1	1s		35
	Dihydrogen hexahydroxyplatinate	51850-20-5	257-471-2			None	2		2	2s				19
	Platinum dioxide (and hydrate)	1314-15-4	215-223-0	52785-06-5		None	2				2	2s		87
	Platinum dichloride	10025-65-7	233-034-1			None	1		1	1s				38
	Dihydrogen hexahydroxyplatinate, compound with 2-aminoethanol (1:2)	68133-90-4	268-717-3			None	3		2	2s	1	1s		21
UVCB substances	Platinum dinitrate (and solution)	18496-40-7	242-383-9			None	2		2	2s				24
	Platinum, 1,3-diethenyl-1,1,3,3-tetramethyldisiloxane complexes / Karstedt concentrate (in solution)	68478-92-2	270-844-4	Mixture: 52672-74-9	Mixture: 258-092-5	None	2		1	1s	1	1s		71
Mono-constituent intermediates	Diammonium hexachloroplatinate	16919-58-7	240-973-0			None	4	1	1i	2	2i	1	1i	26
	Dipotassium platinate	12285-90-4	235-554-4			None	1				1	1i		23
	Dipotassium hexachloroplatinate	16921-30-5	240-979-3			None	3		2	1s + 1i	1	1i		34

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Mono-constituent substances	Palladium	7440-05-3	231-115-6			None	17			9	9s	8	8s	482
	Palladium dichloride	7647-10-1	231-596-2			None	4				4	4s		82
	Dihydrogen tetrachloropalladate(2-) (in solution)	16970-55-1	241-047-9			None	4		1	1s	3	2s + 1i		35
	Diamminedichloropalladium (in aq. solution)	14323-43-4 or 13782-33-7	238-269-3 or 237-437-3			None	5	1	1i	2	2s	2	1s + 1i	28
	Dichlorobis(triphenylphosphine)palladium	13965-03-2	237-744-2			None	2				2	2s		36
	Palladium (II) di(4-oxopent-2-en-2-oate)	14024-61-4	237-859-8			None	2		2	2s				24
	Palladium(II) acetate	3375-31-3	222-164-4			None	4				4	4s		37
	Palladium monoxide	1314-08-5	215-218-3			None	2		1	1s	1	1s		96
	Tetraamminepalladium (II) nitrate (in solution)	13601-08-6	237-078-6			None	2				2	2s		22
	Tetraamminepalladium(2+) dichloride (in aq. solution)	13815-17-3	237-489-7			None	5		1	1s	4	2s + 2i		24
	Tetraamminepalladium(2+) dihydroxide (and solution)	68413-68-3	270-241-6			None	2				2	2s		15
	Tetrakis(triphenylphosphine)palladium	14221-01-3	238-086-9			None	2				2	2s		38
	Palladium sulphate	13566-03-5	236-957-8			None	3				3	3s		28
	Tetraamminepalladium(2+) diacetate	61495-96-3	262-819-1			None	1				1	1s		13
	Disodium tetrachloropalladate	13820-53-6	237-502-6			None	4				4	3s + 1i		24
UVCB substance	Palladium dinitrate (in solution)	10102-05-3	233-265-8			None	5		1	1s	4	4s		60
Mono-constituent intermediates	Palladium dioxide	12036-04-3	234-836-4			None	1			1	1i			65
	Palladium dihydroxide	12135-22-7	235-219-2			None	1			1	1i			22
	Diammonium hexachloropalladate	19168-23-1	242-854-9			None	2	2	2i					20
	Dipotassium hexachloropalladate	16919-73-6	240-974-6	19662-89-6, 16919-73-6		None	1				1	1i		19

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		CAS	EC	CAS	EC			100-1000 tonnes/year	10-100 tonnes/year	1-10 tonnes/year			
Mono-constituent substances	Iridium	7439-88-5	231-095-9			None	8				8	8s	154
	Iridium trichloride (and hydrate)	10025-83-9	233-044-6	14996-61-3		None	2			2	2s	25	
	Iridium tetrachloride	10025-97-5	233-048-8			None	2			2	2s	18	
	Di-μ-chlorobis(1,2,5,6-eta)cycloocta-1,5-diene)diiridium	12112-67-3	235-170-7			None	2			2	2s	22	
	Diammonium hexachloroiridate	16940-92-4	241-007-0			None	3			3	3i	17	
UVCB substance	Hexachloroiridic acid, Hydrogen hexachloroiridate (IV)	16941-92-7	241-012-8			None	2			2	2s	25	
Mono-constituent intermediate	Iridium dioxide	12030-49-8	234-743-9			None	2			2	1s + 1i	59	
	Dipotassium hexachloroiridate	16920-56-2	240-976-7			None	1			1	1i	16	
	Triammonium hexachloroiridate	15752-05-3	239-842-0			None	1			1	1i	8	
	Tripotassium hexachloroiridate	14024-41-0	237-854-0			None	1			1	1i	13	

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Mono-constituent intermediate	Osmium	7440-04-2	231-114-0			None	2			1	1i	1	1s	82

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Mono-constituent substances	Rhodium	7440-16-6	231-125-0			None	8			1	1s	7	7s	297
	Carbonyl(pentane-2,4-dionato-O,O')(triphenylphosphine)rhodium	25470-96-6	247-015-0			None	3			1	1s	2	2s	20
	Carbonylhydrotris(triphenylphosphine)rhodium	17185-29-4	241-230-3			None	2				2	2s	19	
	Dicarbonyl(pentane-2,4-dionato-O,O')rhodium	14874-82-9	238-947-9			None	3				3	3s	22	
	Rhodium tris(2-ethylhexanoate)	20845-92-5	244-079-1			None	1				1	1s	16	
	Rhodium trichloride (and hydrate)	10049-07-7	233-165-4	20765-98-4 / 13569-65-8		None	4			1	1s	3	3s	39
	Di-μ-chloro-bis(hapto-1,5-cyclooctadiene)dirhodium(I)	12092-47-6	235-157-6			None	2				2	2s	20	
	Tris(triphenylphosphine) rhodium (I) chloride	14694-95-2	238-744-5			None	2				2	2s	23	
	Rhodium triiodide	15492-38-3	239-521-5			None	1				1	1s	22	
	Dirhodium trisulphate	10489-46-0	234-014-5			None	3				3	3s	31	
	Rhodium phosphate	67859-71-6	267-420-6			None	1				1	1s	13	
	Dirhodium trioxide	12036-35-0	234-846-9			None	2				2	1s + 1i	39	
	UVCB substances	Rhodium acetate	42204-14-8	255-707-9			None	2			2	2s	25	
		Rhodium trinitrate (in solution)	10139-58-9	233-397-6	13465-43-5		None	5			5	4s + 1i	34	
Mono-constituent intermediates	Rhodium trihydroxide	21656-02-0	244-508-2			None	2				2	2i	21	
	Triammonium hexachlororhodate	15336-18-2	239-364-2			None	2			2	2i	18		
	Diammonium sodium hexakis(nitrito-N)rhodate	64164-17-6	264-713-0			None	1			1	1i	12		
	Rhodium dioxide	12137-27-8	235-237-0			None					1	1i	56	

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Mono-constituent substances	Ruthenium	7440-18-8	231-127-1			None	8			2	2s	6	6s	138
	Ruthenium trichloride (and hydrate)	10049-08-8	233-167-5	14898-67-0		None	3			2	2s	1	1s	44
	Ruthenium tetrachloride	13465-52-6	236-697-5			None	1				1	1s	9	
	Ruthenium (IV) oxide	12036-10-1	234-840-6	32740-79-7		None	4				4	2s + 2i	50	
	Tris(nitrate-O)nitrosylruthenium	34513-98-9	252-068-8			None	3				3	2s + 1i	17	
	Hexakis[mu-(acetato-O,O')-μ3-oxo-triangulo-triruthenium acetate / Ruthenium acetate (in solution)	55466-76-7	259-653-7			R50/53	3				3	2s + 1i	14	
	Dichlorotris(triphenylphosphine)ruthenium	15529-49-4	239-569-7			None	1				1	1s	20	
Mono-constituent intermediates	Tetraammonium decachloro-mu-oxodiruthenate(4-)	85392-65-0	286-924-7			None	1			1	1i		9	
	Potassium tetraoxoruthenate	31111-21-4	250-473-4			None	1				1	1i	17	
UVCB intermediate	Diammonium hexachlororuthenate	18746-63-9	242-552-7			None	2			1	1i	1	1i	17