

Platinum inventory  
Last update: 6 March 2012

Name of the substance	Identification numbers		REACH Category	Type of registration dossier prepared by PMC	Highest tonnage band*	Registration submission deadline**	Volunteer Lead Registrant	Classification notified (Feb 2012)
	CAS	EC						
Platinum (solid only)	7440-06-4	231-116-1	Mono-constituent	Substance	10-100 t/a	2018	Vale	None
Hexachloroplatinic acid	16941-12-1	241-010-7	Mono-constituent	Substance	10-100 t/a	2018	Johnson Matthey	Acute tox. 2 (H300) (oral)*** Skin corr. 1B (H314) Skin sens. 1B (H317) Eye dam. 1 (H318) Resp. Sens. 1A (H334) Aquatic acute 1 (H400) Aquatic chronic 1 (H410) Met. Corr. 1 (H290) Acute M-factor 10 Chronic M-factor 10
Tetraammineplatinum dichloride	13933-32-9	237-706-5	Mono-constituent	Substance	1-10 t/a	2018	Johnson Matthey	Skin Irrit. 2 (H315) Eye Dam. 2 (H319) Met. Corr. 1 (H290) Aquatic chronic 3 (H412)
Tetraammineplatinum dinitrate (in solution)	20634-12-2	243-929-9	Mono-constituent	Substance	10-100 t/a	2018	tba	Self-reactive Type A (H240) Skin Irrit. 2 (H315) Eye Dam. 2 (H319) EUH001: Explosive when dry*** EUH044: Risk of explosion if heated under confinement*** Aquatic chronic 3 (H412)
Diammineplatinum (II) nitrite	14286-02-3	238-203-3	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Eye Dam. 1 (H318) EUH001: Explosive when dry***
Dipotassium tetrachloroplatinate (solid only)	10025-99-7	233-050-9	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Acute tox. 3 (H301) (oral) Skin Irrit. 2 (H315) Skin sens. 1B (H317) Eye dam. 1 (H318) Resp. Sens. 1A (H334) Met. Corr. 1 (H290)
Platinum dioxide (anhydrous)	1314-15-4	215-223-0	Mono-constituent	Substance	1-10 t/a	2018	Umicore	Oxid. Solid 1 (H272)
Platinum dioxide (hydrate)								Oxid. Solid 1 (H272)

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Dihydrogen hexahydroxyplatinate, compound with 2-aminoethanol (1:2) <i>(in solution)</i>	68133-90-4	268-717-3	Mono-constituent	Substance	1-10 t/a	2018	tba	Eye Irrit. 2 (H319)
Dipotassium hexachloroplatinate <i>(solid only)</i>	16921-30-5	240-979-3	Mono-constituent	Substance	10-100 t/a	2018	Heraeus	Acute tox. 3 (H301) (oral) Skin sens. 1B (H317) Eye dam. 1 (H318) Resp. Sens. 1A (H334) Met. Corr. 1 (H290) Aquatic acute 1 (H400) Aquatic chronic 1 (H410) Acute M-factor 10 Chronic M-factor 10
Platinum dinitrate	18496-40-7	242-383-9	UVCB	Substance	10-100 t/a	2018	tba	Oxid. Liq 3 (H272) Skin Corr. 1A (H314) Eye dam. 1 (H318) Met. Corr. 1 (H290)
Platinum, 1,3-diethenyl-1,1,3,3-tetramethyldisiloxane complexes / Karstedt concentrate <i>(in solution)</i>	68478-92-2	270-844-4	UVCB	Substance	10-100 t/a	2018	Heraeus	Flam. Liquid 2 (H225) Aquatic Chronic 4 (H413)
Diammonium hexachloroplatinate	16919-58-7	240-973-0	Mono-constituent	SCC Intermediate	100-1000 t/a	2013	Johnson Matthey	Acute tox. 3 (H301) (oral) Skin sens. 1B (H317) Eye dam. 1 (H318) Resp. Sens. 1A (H334) Met. Corr. 1 (H290)
				Non-SCC Intermediate	10-100 t/a	updated dossier post 2013		
Dihydrogen hexahydroxyplatinate <i>(solid only)</i>	51850-20-5	257-471-2	Mono-constituent	Non-SCC Intermediate	10-100 t/a	2018	Johnson Matthey	Eye Irrit. 2 (H319)

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Palladium inventory  
Last update: 10 April 2012

Name of the substance	Identification numbers		REACH Category	Type of registration dossier prepared by PMC	Highest tonnage band*	Registration submission deadline**	Volunteer Lead Registrant	Classification notified (Feb 2012)
	CAS	EC						
Palladium (solid only)	7440-05-3	231-115-6	Mono-constituent	Substance	10-100 t/a	2018	Umicore	None
Palladium dichloride	7647-10-1	231-596-2	Mono-constituent	Substance	1-10 t/a	2018	tba	Skin Sens 1A (H317) Eye Dam 1 (H318) Met. Corr. 1 (H290)
Dihydrogen tetrachloropalladate(2-) (in solution)	16970-55-1	241-047-9	Mono-constituent	Substance	10-100 t/a	2018	Heraeus	Acute Tox. 4 (H302) (oral) Skin Corr. 1A (H314) Skin Sens 1A (H317) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Met. Corr. 1 (H290) Acute M-factor 10 Chronic M-factor 10
Diamminedichloropalladium	14323-43-4	238-269-3	Mono-constituent	Substance	100-1000 t/a	2013	Heraeus	Acute Tox. 4 (H302) (oral) Aquatic Chronic 4 (H413)
Dichlorobis(triphenylphosphine)palladium (solid only)	13965-03-2	237-744-2	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Aquatic Chronic 4 (H413)
Palladium (II) di(4-oxopent-2-en-2-oate) (solid only)	14024-61-4	237-859-8	Mono-constituent	Substance	10-100 t/a	2018	Heraeus	Flam. Solid 1 (H228) Self heat. 1 (H251) Aquatic Chronic 4 (H413)
Palladium(II) acetate	3375-31-3	222-164-4	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Eye Dam. 1 (H318) Aquatic Chronic 4 (H413)
Palladium monoxide (solid only)	1314-08-5	215-218-3	Mono-constituent	Substance	10-100 t/a	2018	tba	None
Tetraaminepalladium (II) nitrate	13601-08-6	237-078-2	Mono-constituent	Substance	1-10 t/a	2018	Johnson Matthey	Self-reactive Type A (H240) Acute Tox. 4 (H302) (oral) Skin Sens 1A (H317) Eye Dam. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) EUH044: Risk of explosion if heated under confinement*** Acute M-factor 1 Chronic M-factor 1
Tetraaminepalladium(2+) dichloride	13815-17-3	237-489-7	Mono-constituent	Substance	10-100 t/a	2018	tba	Acute Tox. 4 (oral) (H302) Skin Sens 1A (H317) Eye Dam. 2 (H319) Aquatic acute 1 (H400) Aquatic Chronic 1 (H410) Met. Corr.1 (H290) Acute M-factor 1 Chronic M-factor 1

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Tetraaminepalladium(2+) dihydroxide	68413-68-3	270-241-6	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Acute Tox. 4 (H302) (oral) Skin Sens 1A (H317) Eye Dam. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Acute M-factor 10 Chronic M-factor 10
Tetrakis(triphenylphosphine)palladium (solid only)	14221-01-3	238-086-9	Mono-constituent	Substance	1-10 t/a	2018	Umicore	Aquatic Chronic 4 (H413)
Palladium sulphate	13566-03-5	236-957-8	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Acute Tox. 4 (H302) (oral) Skin Corr. 1A (H314) Eye Dam. 1 (H318) Met. Corr. 1 (H290)
Tetraaminepalladium(2+) diacetate (in solution)	61495-96-3	262-819-1	Mono-constituent	Substance	10-100 t/a	2018	Umicore	Acute Tox. 4 (H302) (oral) Skin Sens 1A (H317) Eye Dam. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Acute M-factor 1 Chronic M-factor 1
Disodium tetrachloropalladate	13820-53-6	237-502-6	Mono-constituent	Substance	1-10 t/a	2018	tba	Acute Tox. 4 (H302) (oral) Eye Dam. 2 (H319) Met. Corr. 1 (H290)
Palladium dinitrate (in solution)	10102-05-3	233-265-8	UVCB	Substance	10-100 t/a	2018	Heraeus	Acute Tox. 4 (H302) (oral) Skin Corr. 1A (H314) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Met. Corr. 1 (H290) Acute M-factor 10 Chronic M-factor 10
Palladium dioxide (solid only)	12036-04-3	234-836-4	Mono-constituent	Non-SCC Intermediate	10-100 t/a	2018	Umicore	Oxid. Solid 1 (H271)
Palladium dihydroxide (solid only)	12135-22-7	235-219-2	Mono-constituent	Non-SCC Intermediate	10-100 t/a	2018	Umicore	Aquatic Chronic 4 (H413)
Diammonium hexachloropalladate (solid only)	19168-23-1	242-854-9	Mono-constituent	SCC Intermediate	100-1000 t/a	2013	Johnson Matthey	Acute Tox. 4 (H302) (oral) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)
				Non-SCC Intermediate	10-100 t/a	updated dossier post 2013		
Dipotassium hexachloropalladate (solid only)	16919-73-6	240-974-6	Mono-constituent	Non-SCC Intermediate	10-100 t/a	2018	Carl Hafner	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)

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**Rhodium inventory**  
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	CAS	EC						
Rhodium (solid only)	7440-16-6	231-125-0	Mono-constituent	Substance	10-100 t/a	2018	Johnson Matthey	None
Carbonyl(pentane-2,4-dionato-O,O')(triphenylphosphine)rhodium (solid only)	25470-96-6	247-015-0	Mono-constituent	Substance	1-10 t/a	2018	Johnson Matthey	Aquatic Chronic 4 (H413)
Carbonylhydrotris(triphenylphosphine)rhodium (solid only)	17185-29-4	241-230-3	Mono-constituent	Substance	1-10 t/a	2018	Umicore	Aquatic Chronic 4 (H413)
Dicarbonyl(pentane-2,4-dionato-O,O')rhodium (solid only)	14874-82-9	238-947-9	Mono-constituent	Substance	1-10 t/a	2018	Umicore	Flam. Solid 1 (H228) Acute tox. 3 (H301) (oral) Eye Irrit. 2 (H319) Skin sens. 1 (H317) Aquatic Chronic 3 (H412) EUH044: Risk of explosion if heated under confinement***
Rhodium tris(2-ethylhexanoate) (in solution)	20845-92-5	244-079-1	Mono-constituent	Substance	1-10 t/a	2018	tba	Aquatic Chronic 4 (H413)
Rhodium trichloride (anhydrous)								Aquatic Chronic 4 (H413)
Rhodium trichloride (hydrate)	10049-07-7	233-165-4	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Acute tox. 4 (H302) (oral) Eye Dam. 1 (H318) Muta. 2 (H341) Met. Corr. 1 (H290)
Di-μ-chloro-bis(hapto-1,5-cyclooctadiene)dirhodium(I) (solid only)	12092-47-6	235-157-6	Mono-constituent	Substance	1-10 t/a	2018	tba	None
Tris(triphenylphosphine) rhodium (I) chloride (solid only)	14694-95-2	238-744-5	Mono-constituent	Substance	1-10 t/a	2018	Umicore	Aquatic Chronic 4 (H413)
Rhodium triiodide (solid only)	15492-38-3	239-521-5	Mono-constituent	Substance	1-10 t/a	2018	Umicore	Aquatic Chronic 4 (H413)
Dirhodium trisulphate	10489-46-0	234-014-5	Mono-constituent	Substance	1-10 t/a	2018	tba	Skin Corr. 1A (H314) Eye Dam. 1 (H318) Met. Corr. 1 (H290)
Dirhodium trioxide (solid only)	12036-35-0	234-846-9	Mono-constituent	Substance	1-10 t/a	2018	Umicore	None
Rhodium (III) acetate	42204-14-8	255-707-9	UVCB	Substance	1-10 t/a	2018	Umicore	Eye Dam. 2 (H319)
Rhodium trinitrate (in solution)	10139-58-9	233-397-6	UVCB	Substance	1-10 t/a	2018	tba	Oxid. Solid 1 (H272) Acute tox. 4 (H302) (oral) Skin Corr. 1A (H314) Eye Dam. 1 (H318) Skin sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H400) Met. Corr. 1 (H290) Acute M-factor 1 Chronic M-factor 1
Rhodium trihydroxide (solid only)	21656-02-0	244-508-2	Mono-constituent	Non-SCC Intermediate	1-10 t/a	2018	Heraeus	Aquatic Chronic 4 (H413)
Triammonium hexachlororhodate (solid only)	15336-18-2	239-364-2	Mono-constituent	Non-SCC Intermediate	1-10 t/a	2018	Vale	Eye Dam. 1 (H318)
Diammonium sodium hexakis(nitrito-N)rhodate (solid only)	64164-17-6	264-713-0	Mono-constituent	Non-SCC Intermediate	10-100 t/a	2018	Vale	Oxid. Solid 3 (H272) Self heat. Cat. 1 (H251)

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**Ruthenium inventory**  
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	CAS	EC						
Ruthenium (solid only)	7440-18-8	231-127-1	Mono-constituent	Substance	10-100 t/a	2018	Heraeus	None
Ruthenium trichloride (anhydrous)	10049-08-8	233-167-5	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Aquatic Chronic 4 (H413)
Ruthenium trichloride (hydrate)								Acute tox. 4 (H302) (oral) Skin Corr. 1A (H314) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412) Met. Corr. 1 (H290)
Ruthenium (IV) oxide (solid only)	12036-10-1	234-840-6	Mono-constituent	Substance	1-10 t/a	2018	Heraeus	Oxid. Solid 2 (H271)
Tris(nitrato-O)nitrosylruthenium	34513-98-9	252-068-8	Mono-constituent	Substance	1-10 t/a	2018	tba	Oxid. Solid 1 (H272) Skin Corr. 1A (H314) Eye Dam. 1 (H318) Met. Corr. 1 (H290)
Hexakis[μ-(acetato-O:O)]-μ3-oxo-triangulo-triruthenium acetate / Ruthenium acetate	55466-76-7	259-653-7	Mono-constituent	Substance	1-10 t/a	2018	tba	Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Acute M-factor 1 Chronic M-factor 1
Dichlorotris(triphenylphosphine)ruthenium (solid only)	15529-49-4	239-569-7	Mono-constituent	Substance	1-10 t/a	2018	Umicore	None
Tetraammonium decachloro-μ-oxodiruthenate(4-) (solid only)	85392-65-0	286-924-7	Mono-constituent	Non-SCC Intermediate	1-10 t/a	2018	Vale	None
Potassium tetraoxoruthenate (in solution)	31111-21-4	250-473-4	Mono-constituent	Non-SCC Intermediate	1-10 t/a	2018	Umicore	None
Ruthenium trihydroxide (solid only)	12135-42-1	235-221-3	Mono-constituent	Non-SCC Intermediate	1-10 t/a	2018	Umicore	Aquatic Chronic 4 (H413)
Diammonium hexachlororuthenate (solid only)	18746-63-9	242-552-7	UVCB	SCC Intermediate	10-100 t/a	2018	Heraeus	None

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Iridium inventory  
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	CAS	EC						
Iridium (solid only)	7439-88-5	231-095-9	Mono-constituent	Sustance	1-10 t/a	2018	Johnson Matthey	None
Iridium trichloride	10025-83-9	233-044-6	Mono-constituent	Sustance	1-10 t/a	2018	tba	Skin Corr. 1A (H314) Eye Dam. 1 (H318) Met. Corr. 1 (H290)
Iridium tetrachloride	10025-97-5	233-048-8	Mono-constituent	Sustance	1-10 t/a	2019	tba	None
Di- $\mu$ -chlorobis((1,2,5,6-eta)cycloocta-1,5-diene))diiridium	12112-67-3	235-170-7	Mono-constituent	Sustance	1-10 t/a	2018	Umicore	None
Hexachloroiridic acid, Hydrogen hexachloroiridate (IV)	16941-92-7	241-012-8	UVCB	Sustance	1-10 t/a	2018	Heraeus	Acute tox. 4 (H302) (oral) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Met. Corr. 1 (H290)
Iridium dioxide (solid only)	12030-49-8	234-743-9	Mono-constituent	Non-SCC Intermediate	1-10 t/a	2018	tba	Oxid. Solid 3 (H272) Aquatic Chronic 4 (H413)
Diammonium hexachloroiridate (solid only)	16940-92-4	241-007-0	Mono-constituent	Non-SCC Intermediate	1-10 t/a	2018	Johnson Matthey	Acute tox. 4 (H302) (oral) Met. Corr. 1 (H290)

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