

Product Catalogue "Precious Metal Compounds"

Silver-Compounds

Name	Formula	Metal-Content (approx.)	CAS	Molecular Mass	Colour
Potassiumdicyanoargentate(I)	$K[Ag(CN)_2]$	54%	506-61-6	199,01	colourless
Silver(I)cyanide	$AgCN$	80%	506-64-9	133,89	colourless
Silver(I)nitrate	$AgNO_3$	63%	7761-88-8	169,88	colourless
Silver(I)nitrate-solution	$AgNO_3$	20%	7761-88-8		colourless
Silver(I)chloride	$AgCl$	75%	7783-90-6	143,32	colourless
Silver(I)bromide	$AgBr$	57%	7785-23-1	187,77	colourless
Silver(I)oxide	Ag_2O	93%	20667-12-3	231,74	darkbrown
Silver(I)carbonate	Ag_2CO_3	78%	534-16-7	275,75	yellow
Silver(I)sulphate	Ag_2SO_4	69%	10294-26-5	311,8	colourless
Silver(I)acetate	$Ag(OAc)$	64%	563-63-3	166,92	colourless

Gold-Compounds

Name	Formula	Metal-Content (approx.)	CAS	Molecular Mass	Colour
Potassiumdicyanoaurate(I)	$K[Au(CN)_2]$	68%	13967-50-5	288,1	colourless
Potassiumtetracyanoaurate(III)	$K[Au(CN)_4]$	58%	14263-59-3	377,88	colourless
Gold(I)cyanide	$AuCN$	88%	506-65-0	22,98	colourless
Hydrogentetrachloroaurate(III)-hydrate	$H[AuCl_4] \cdot nH_2O$	50%	16903-35-8	339,79 (anhydrous)	orange
Hydrogentetrachloroaurate(III)-solution	$H[AuCl_4]$	38%	16903-35-8		orange
Potassiumtetrachloroaurate(III)	$K[AuCl_4]$	52%	13682-61-6	377,88	yellow
Sodiumtetrachloroaurate(III)-hydrate	$Na[AuCl_4] \cdot nH_2O$	50%	13874-02-7	361,77 (anhydrous)	yellow
Ammoniumgoldsulfite(I)-solution	$(NH_4)_3Au(SO_3)_2$	9%	71662-32-3		colourless

Palladium-Compounds

Name	Formula	Metal-Content (approx.)	CAS	Molecular Mass	Colour
Palladium(II)bromide	PdBr_2	40%	13444-94-5	266,23	violett
Palladium(II)chloride	PdCl_2	60%	7647-10-1	177,31	reddish-brown
Palladium(II)chloride-solution	PdCl_2	10%	7647-10-1		reddish-brown
Palladium(II)chloride-solution	PdCl_2	400 g/L	7647-10-1		reddish-brown
Palladium(II)acetate	$\text{Pd}(\text{OAc})_2$	47%	3375-31-3	224,49	yellowish-brown
Palladium(II)nitrate-hydrate	$\text{Pd}(\text{NO}_3)_2 \cdot \text{nH}_2\text{O}$	43%	10102-05-3	220,41 (anhydrous)	brown
Palladium(II)nitrate-solution	$\text{Pd}(\text{NO}_3)_2$	15%	10102-05-3		brown
Tetraamminepalladium(II)chloride	$[(\text{NH}_3)_4\text{Pd}]\text{Cl}_2$	43%	13815-17-3	245,42	yellow
Tetraamminepalladium(II)chloride-solution	$[(\text{NH}_3)_4\text{Pd}]\text{Cl}_2$	100 g/l	13815-17-3		yellow
Palladium(II)sulphate	PdSO_4	52%	13566-03-5	202,42 (anhydrous)	brown
Palladium(II)sulphate-solution	PdSO_4	10%	13566-03-5		brown
Tetraamminepalladium(II)sulphate-solution	$[(\text{NH}_3)_4\text{Pd}]\text{SO}_4$	7%	13601-06-4		yellow
Tris(dibenzylideneacetone)dipalladium(0)	$\text{Pd}_2(\text{dba})_3$	20%	52409-22-0	915,73	violett
Diamminepalladium(II)dichloride	$[(\text{NH}_3)_2\text{PdCl}_2]$	50%	14323-43-4	211,37	yellow
Natriumtetrachloropalladate(II)	$\text{Na}_2[\text{PdCl}_4]$	36%	13820-53-6	294,19	brown
Diammoniumhexachloropalladate(IV)	$(\text{NH}_4)_2[\text{PdCl}_6]$	30%	19168-23-1	355,2	reddish-brown
Bis(acetylacetonato)palladium(II)	$\text{Pd}(\text{acac})_2$	35%	14024-61-4	297,52	yellow

Platinum-Compounds

Name	Formula	Metal-Content (approx.)	CAS	Molecular Mass	Colour
Dihydrogen hexachloroplatinate(IV)-hydrate (Chloroplatinic Acid, "CPA")	$\text{H}_2[\text{PtCl}_6] \cdot \text{nH}_2\text{O}$	40%	26023-84-7	409,82 (anhydrous)	orange
Dihydrogenhexachloroplatinate(IV)-solution	$\text{H}_2[\text{PtCl}_6]$ -Lösung	up to 100 g/L	16941-12-1		orange
Dihydrogen hexachloroplatinate solution in iso-propanol ("Speier's-Catalyst")	$\text{H}_2[\text{PtCl}_6]/i\text{-PrOH}$	15%	16941-12-1		orange
cis-Diamminedinitroplatinum(II) ammoniacal solution	cis- $[(\text{NH}_3)_2\text{Pt}(\text{NO}_2)_2]$	40 g/L	14286-02-3		pale yellow
Dichloro(cycloocta-1,5-diene)platinum(II)	$[\text{Cl}_2\text{Pt}(\text{COD})]$	52%	12080-32-9	374,18	beige
Dichloro(norbornadiene)platinum(II)	$[\text{Cl}_2\text{Pt}(\text{nbd})]$	54%		358,14	beige
Potassiumhexachloroplatinate(IV)	$\text{K}_2[\text{PtCl}_6]$	40%	16921-30-5	486,01	yellow
Sodiumhexachloroplatinate(IV)-hydrate	$\text{Na}_2[\text{PtCl}_6] \cdot \text{nH}_2\text{O}$	35%	19583-77-8	453,79 (anhydrous)	red
Diammoniumhexachloroplatinate(IV)	$(\text{NH}_4)_2[\text{PtCl}_6]$	44%	16919-58-7	443,89	yellow

Rhodium-Compounds					
Name	Formula	Metal-Content (approx.)	CAS	Molecular Mass	Colour
Rhodiumacetate	$\text{Rh}(\text{OAc})_x$	39%	42204-14-8	220,92	brown
Rhodium(III)chloride	RhCl_3	49%	10049-07-7	209,26	red
Ammoniumhexachlororhodate(III)	$(\text{NH}_4)_3[\text{RhCl}_6]$	28%	15336-18-2	369,74	red
Rhodium(III)sulfate-solution	$\text{Rh}_2(\text{SO}_4)_3$	12%	10489-46-0		brown

Stand: 03.2013