



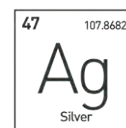
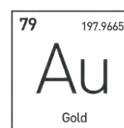
SAXONIA[®]
EDELMETALLE

Precious metal chemicals from SAXONIA are used worldwide, including in electroplating, the chemicals industry, the electrical engineering and electronics industry, the production of batteries and coloured enamels or the production of films and photographs. Our portfolio includes the key chemical compounds used in precious metal chemistry, containing gold, silver, platinum, palladium and

rhodium in fine, crystalline form or in the form of a solution or concentrate. Thanks to many years of production experience, modern, high-performance machinery, extensive laboratory equipment and, in particular, a quality management system compliant with DIN EN ISO 9001, we guarantee you a very high level of quality at all times.



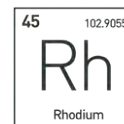
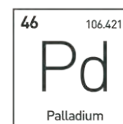
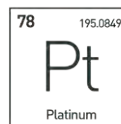
GOLD / SILVER COMPOUNDS



To a large extent, our gold and silver compounds are used in surface engineering for the galvanic and chemical gold and silver plating of surfaces for technical and decorative use. SAXONIA is one of the largest manufacturers of silver cyanide salts in Europe. The silver nitrate produced in our plant in Halsbrücke, Saxony is very popular internationally for the manufacture of mirrors, the film and photography industry, textiles finishing and the chemicals industry - both in crystalline form or as a solution. Other products are used in the manufacture of batteries, the electronics industry and the production of coloured enamels, for example.

Gold compounds	Formula	Au content	CAS No.
Potassium dicyanoaurate (I)	$K[Au(CN)_2]$	68.2%	13967-50-5
Potassium tetracyanoaurate (III)	$K[Au(CN)_4]$	57.6%	14263-59-3
Tetrachlorogold (III) acid hydrate solution	$HAuCl_4$	> 15%	16903-35-8
Tetrachlorogold (III) acid hydrate	$HAuCl_4 \cdot nH_2O$	50.0%	16903-35-8
Silver compounds	Formula	Ag content	CAS No.
Potassium dicyanoaurate (I)	$K[Ag(CN)_2]$	54.2%	506-61-6
Silver (I) cyanide	$AgCN$	80.5%	506-64-9
Silver (I) nitrate	$AgNO_3$	63.5%	7761-88-8
Silver (I) nitrate solution	$AgNO_3$	650 g/l	7761-88-8
Silver (I) oxide	Ag_2O	93.0%	20667-12-3
Silver (I) carbonate	Ag_2CO_3	79.0%	534-16-7
Silver crystals 5N	Ag	99.999%	7440-22-4
Silver (I) sulphate	Ag_2SO_4	69.0%	10294-26-5
Silver (I) acetate	$Ag(OAc)$	64.6%	563-63-3
Silver (I) chloride	$AgCl$	75.0%	7783-90-6

PLATINUM / PALLADIUM / RHODIUM COMPOUNDS



The chemicals manufactured by SAXONIA containing palladium and rhodium are used worldwide as the base product for the manufacture of electrolytes and activation agents. These are required in electroplating, in the electronics industry for coating circuit boards and in glass finishing. Compounds of platinum group metals are also essential for the manufacture of chemical and exhaust catalytic converters.

Platinum compounds	Formula	Pt content	CAS No.
Hexachloroplatinic (IV) acid solution	H ₂ [PtCl ₆]	100 g/l	16941-12-1
Palladium compounds	Formula	Pd content	CAS No.
Palladium (II) chloride	PdCl ₂	59.8%	7647-10-1
Palladium (II) chloride solution	PdCl ₂	10% bzw. 20%	7647-10-1
Palladium (II) chloride solution	PdCl ₂	72.5 g/l	7647-10-1
Palladium (II) sulphate solution	PdSO ₄	4.0%	13566-03-5
Tetraamminepalladium (II) chloride solution	[Pd(NH ₃) ₄]Cl ₂	100 g/l	13815-17-3
Tetraamminepalladium (II) chloride conc.	[Pd(NH ₃) ₄]Cl ₂	43.0%	13815-17-3
Tetraamminepalladium (II) sulphate solution	[(NH ₃) ₄ Pd]SO ₄	75 g/l	13601-06-4
Tetraamminepalladium (II) hydrogen carbonate solution (acetic)	(NH ₃) ₄ Pd(HCO ₃) ₂	8-10.0%	134620-00-1
Tetraamminepalladium (II) hydrogen carbonate	(NH ₃) ₄ Pd(HCO ₃) ₂	35.0%	134620-00-1
Palladium (II) acetate	Pd(OAc) ₂	47.0%	3375-31-3
Rhodium compounds	Formula	Rh content	CAS No.
Rhodium (III) sulphate solution	Rh ₂ (SO ₄) ₃	4.5%	10489-46-0
Rhodium (III) chloride solution	RhCl ₃	10-20%	13569-65-8
Rhodium (III) chloride hydrate	RhCl ₃ ·nH ₂ O	38%	20765-98-4

PRODUCT TYPES

Our precious metals chemicals can be delivered as required in two different forms - either in solid, crystalline powder form or in the form of a solution or concentrate. We can supply the precious metal chemicals in PE in-liners and type-tested cardboard boxes as outer packaging, PE bottles, PE pots, PE cans and PE containers. Packaging sizes can be agreed upon individually.

Shipping notice: Most of our precious metal chemicals are hazardous substances or hazardous goods. Therefore, they require particular caution during handling and use, when legal safety requirements must also be observed. The types of product labels, inner packaging and transport packaging used meet legal requirements.

PRECIOUS METAL MANAGEMENT / SERVICES

- Fixing of precious metal
- Holding and administration of metal accounts
- Procurement of precious metals
- Price information
- Transportation compliant with hazardous goods law
- Development of customised products/grades
- Internal analysis laboratory



ADDITIONAL BUSINESS FIELDS



FOUR COMPANIES - ONE STRONG PARTNER.

SAXONIA

Technical Materials GmbH
Hanau/Hesse
www.saxonia-tm.de

WIELAND

Edelmetalle GmbH
Pforzheim/Baden-Württemberg
www.wieland-edelmetalle.de

SAXONIA

Edelmetalle GmbH
Halsbrücke/Saxony
www.saxonia.de

Italbras S.p.A.

Vicenza/Italy
www.italbras.it

SAXONIA[®]
E D E L M E T A L L E

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