European Precious Metals Federation

Ruthenium inventory
Last update: 16 February 2026

Name of the substance	Identification numbers		REACH Category	Type of registration dossier prepared by EPMF	Highest tonnage band to be registered*	Registration submission deadline **	First submission's date	Update's date	Lead Registrant	Nano form	Classification as included in the REACH dossiers
	CAS	EC									
Ruthenium	7440-18-8	231-127-1	Mono-constituent	Substance	10-100 t/a	2018	Nov 2017	Feb 2026	Heraeus	No	None
Ruthenium trichloride,hydrate	14898-67-0	604-667-4	Mono-constituent	Substance	10-100 t/a	2018	Nov 2017	Dec 2020	Heraeus	No	Acute tox. 4 (H302) (oral) Eye Dam. 1 (H318) Met. Corr. 1 (H290) Skin Corr. 1B (H314) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Acute M-factor 1 Chronic M-factor 1
Ruthenium (IV) oxide	12036-10-1	234-840-6	Mono-constituent	Substance	1-10 t/a	2018	Nov 2017	Feb 2020	Heraeus	No	Oxid. Solid 2 (H272)
Tris(nitrato-O)nitrosylruthenium	34513-98-9	252-068-8	Mono-constituent	Substance	1-10 t/a	2018	Feb 2017	Mar 2024	Umicore AG&Co.KG	No	Oxid. Solid 1 (H271) Eye Dam. 1 (H318) Met. Corr. 1 (H290) Skin Corr. 1B (H314)
Hexakis[mu-(acetato-O:O')]-μ3-oxo-triangulo-triruthenium acetate / Ruthenium acetate	55466-76-7	259-653-7	Mono-constituent	Substance	1-10 t/a	2018	Feb 2018	Jan 2021	Johnson Mattey	No	Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Acute M-factor 1 Chronic M-factor 1
Tetraammonium decachloro-mu-oxodiruthenate(4-)	85392-65-0	286-924-7	Mono-constituent	Non-SCC intermediate	10-100 t/a	2018	Nov 2017		Heraeus	No	Skin Sensit 1B (H317) Eye Dam. 1 (H318) Aquatic Acute 1 Aquatic Chronic 1 (H410) Acute M-factor 1 Chronic M-factor 1
Ruthenium trihydroxide	12135-42-1	235-221-3	Mono-constituent	Non-SCC intermediate	1-10 t/a	2018	Jan 2018		Umicore NV/SA	No	Aquatic Chronic 4 (H413)

* Highest tonnage band declared by at least one EPMF Member for the type of registration specified in the previous column

** The joint dossier may be submitted much before this deadline

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