

# **Classification and labelling information of the lead registrant**

**Substance name:** Platinum, aqua nitrate complexes CAS 250584-28-2, EC 432-400-1

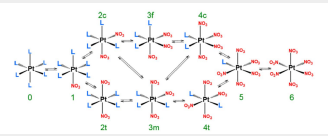


**Public name of substance:** platinum(IV) nitrate/nitric acid solution

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# 1. Classification and labelling information of the lead registrant for use by the pre-SIEF

Substance identity	Hazard classification and labelling
<p><b>EC name:</b> <b>EC number:</b> 432-400-1 <b>CAS number:</b> 250584-28-2 <b>Molecular formula:</b> [Pt(NO<sub>3</sub>)<sub>x</sub>(OH)<sub>y</sub>]<sub>2</sub> where x = 2-5, y = 4-1, and x + y = 6</p>	<p>GHS name: Platinum(IV) nitrate solution (classified) Implementation: EU Type of classification: self-classification For the linked composition: <b>platinum(IV) nitrate solution the registrant has NOT indicated that the substance classification is affected by impurities or additives</b></p>
<p><b>Structural formula:</b></p> 	<p>GHS05: corrosion</p> 
	<p>GHS09: environment</p> 
	<p><b>Signal word:</b> Danger</p>
<b>Labelling</b>	
<b>Hazard statements:</b>	
H290: May be corrosive to metals.	
H314: Causes severe skin burns and eye damage.	
H400: Very toxic to aquatic life.	
H410: Very toxic to aquatic life with long lasting effects.	
<b>Precautionary statements:</b>	
P101: If medical advice is needed, have product container or label at hand.	
P102: Keep out of reach of children.	
P103: Read carefully and follow all instructions.	
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P220: Keep away from clothing or other combustible materials.	
P234: Keep only in original packaging.	
P260: Do not breathe dust/fume/gas/mist/vapours/spray.	
P264: Wash ... thoroughly after handling.	
P273: Avoid release to the environment.	
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...	

P283: Wear fire resistant or flame retardant clothing.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P306+P360: IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P310: Immediately call a POISON CENTER/doctor/...

P321: Specific treatment (see ... on this label).

P363: Wash contaminated clothing before reuse.

P370+P378: In case of fire: Use... to extinguish.

P371+P380+P375: In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

P390: Absorb spillage to prevent material damage.

P391: Collect spillage.

P405: Store locked up.

P406: Store in a corrosion resistant/... container with a resistant inner liner.

P501: Dispose of contents/container to ...

**Table 1.1.**

Classification and labelling according to CLP / GHS for physical hazards			
Hazard class	Hazard category	Hazard statement	Reason for no classification
Explosives:			data conclusive but not sufficient for classification
Desensitised explosives:			data conclusive but not sufficient for classification
Flammable gases and chemically unstable gases:			data conclusive but not sufficient for classification
Flammable aerosols:			data conclusive but not sufficient for classification
Oxidising gases:			data conclusive but not sufficient for classification

Gases under pressure:			data conclusive but not sufficient for classification
Flammable liquids:			data conclusive but not sufficient for classification
Flammable solids:			data conclusive but not sufficient for classification
Self-reactive substances and mixtures:			data conclusive but not sufficient for classification
Pyrophoric liquids:			data conclusive but not sufficient for classification
Pyrophoric solids:			data conclusive but not sufficient for classification
Self-heating substances and mixtures:			data conclusive but not sufficient for classification
Substances and mixtures which in contact with water emit flammable gases:			data conclusive but not sufficient for classification
Oxidising liquids:			data conclusive but not sufficient for classification
Oxidising solids:			data conclusive but not sufficient for classification
Organic peroxides:			data conclusive but not sufficient for classification
Corrosive to metals:	Met. Corr. 1	H290: May be corrosive to metals.	
Classification and labelling according to CLP / GHS for health hazards			
<b>Hazard class</b>	<b>Hazard category</b>	<b>Hazard statement</b>	<b>Reason for no classification</b>
Acute toxicity - oral:			data lacking
Acute toxicity - dermal:			data lacking
Acute toxicity - inhalation:			data lacking

Skin corrosion / irritation:	Skin Corr. 1A	H314: Causes severe skin burns and eye damage.	
Serious damage / eye irritation:	Eye Damage 1	H318: Causes serious eye damage.	
Respiratory sensitisation:			data lacking
Skin sensitisation:			data conclusive but not sufficient for classification
Aspiration hazard:			data lacking
Reproductive Toxicity:			data conclusive but not sufficient for classification
Reproductive Toxicity: Effects on or via lactation:			data lacking
Germ cell mutagenicity:			data inconclusive
Carcinogenicity:			data lacking
Specific target organ toxicity – single exposure:	Affected organs: Route of exposure:		data lacking
Specific target organ toxicity – repeated exposure:	Affected organs: Route of exposure:		data conclusive but not sufficient for classification
Specific concentration limits:			
Classification and labelling according to CLP / GHS for environmental hazards			
<b>Hazard class</b>	<b>Hazard category</b>	<b>Hazard statement</b>	<b>Reason for no classification</b>
Hazards to the aquatic environment (acute/ short-term):	Aquatic Acute 1	H400: Very toxic to aquatic life.	
Hazards to the aquatic environment (chronic/ long-term):	Aquatic Chronic 1	H410: Very toxic to aquatic life with long lasting effects.	
M-Factor acute: 1			
M-Factor chronic: 1			
Hazardous to the ozone layer:			data conclusive but not sufficient for classification