

Classification and labelling information of the lead registrant

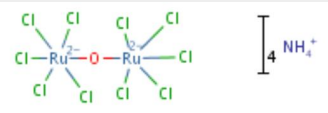



Substance name: Tetraammonium decachloro-mu-oxodiruthenate(4-) - LR Dossier - FOR REFERENCE
ONLY

Public name of substance:

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Substance identity	Hazard classification and labelling
<p>EC name: tetraammonium decachloro-μ-oxodiruthenate(4-) EC number: 286-924-7 CAS number: 85392-65-0 Molecular formula: Cl₁₀ORu₂.4H₄N</p>	<p>GHS name: Tetraammonium decachloro-μ-oxodiruthenate(4-) (classified) Implementation: EU For the linked composition: Tetraammonium decachloro-μ-oxodiruthenate(4-) (Boundary composition) the registrant has NOT indicated that the substance classification is affected by impurities or additives</p>
<p>Structural formula:</p> 	<p>GHS05: corrosion</p>  <p>GHS07: exclamation mark</p>  <p>GHS09: environment</p> 
<p>Signal word: Danger</p>	
<p>Labelling</p>	
<p>Hazard statements:</p>	
<p>H317: May cause an allergic skin reaction.</p>	
<p>H318: Causes serious eye damage.</p>	
<p>H400: Very toxic to aquatic life.</p>	
<p>H410: Very toxic to aquatic life with long lasting effects.</p>	
<p>Precautionary statements:</p>	
<p>P101: If medical advice is needed, have product container or label at hand.</p>	
<p>P102: Keep out of reach of children.</p>	
<p>P103: Read carefully and follow all instructions.</p>	
<p>P261: Avoid breathing dust/fume/gas/mist/vapours/spray.</p>	
<p>P272: Contaminated work clothing should not be allowed out of the workplace.</p>	
<p>P273: Avoid release to the environment.</p>	
<p>P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...</p>	

P302+P352: IF ON SKIN: Wash with plenty of water/...

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

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

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

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P391: Collect spillage.

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 lacking
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:			data conclusive but not sufficient for classification

Classification and labelling according to CLP / GHS for health hazards

Hazard class	Hazard category	Hazard statement	Reason for no classification
Acute toxicity - oral:			data conclusive but not sufficient for classification
Acute toxicity - dermal:			data lacking
Acute toxicity - inhalation:			data lacking
Skin corrosion / irritation:			data conclusive but not sufficient for classification
Serious damage / eye irritation:	Eye Damage 1	H318: Causes serious eye damage.	
Respiratory sensitisation:			data lacking
Skin sensitisation:	Skin Sens. 1B	H317: May cause an allergic skin reaction.	
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 conclusive but not sufficient for classification
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			
Hazard class	Hazard category	Hazard statement	Reason for no classification
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 lacking