

Classification and labelling information of the lead registrant

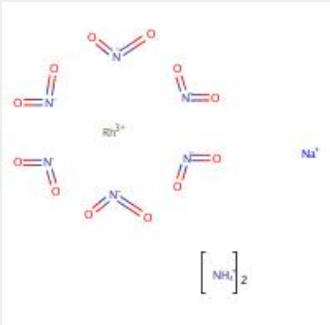




Substance name: Diammonium sodium hexakis(nitrito-N)rhodate - LR Dossier - FOR REFERENCE
ONLY

Public name of substance:

Table of Contents

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

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

Substance identity	Hazard classification and labelling
<p>EC name: diammonium sodium hexakis(nitrito-N)rhodate</p> <p>EC number: 264-713-0</p> <p>CAS number: 64164-17-6</p> <p>Molecular formula: H4N.1/2N6O12Rh.1/2Na</p>	<p>GHS name: Diammonium hexakis(nitrito-N)rhodate - 'high purity' (classified)</p> <p>Implementation: EU</p> <p>For the linked composition: Diammonium sodium hexakis(nitrito-N)rhodate - boundary composition 'high purity' the registrant has NOT indicated that the substance classification is affected by impurities or additives</p>
<p>Structural formula:</p> 	<p>GHS09: environment</p>  <p>GHS02: flame</p>  <p>GHS03: flame over circle</p>  <p>GHS08: health hazard</p> 
<p>Labelling</p> <p>Hazard statements:</p> <ul style="list-style-type: none">H251: Self-heating: may catch fire.H272: May intensify fire; oxidiser.H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.H411: Toxic to aquatic life with long lasting effects. <p>Precautionary statements:</p> <ul style="list-style-type: none">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.	<p>Signal word: Danger</p>

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

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.

P221: Take any precaution to avoid mixing with combustibles...

P235+P410: Keep cool. Protect from sunlight.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P308+P313: IF exposed or concerned: Get medical advice/attention.

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

P391: Collect spillage.

P405: Store locked up.

P407: Maintain air gap between stacks or pallets.

P413: Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ...°C/...°F.

P420: Store separately.

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:	Self Heat. 1	H251: Self-heating; may catch fire.	
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:	Oxid. Solid 3	H272: May intensify fire; oxidiser.	
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:			data conclusive but not sufficient for classification
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:	Muta. 2	H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.	
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):			data conclusive but not sufficient for classification
Hazards to the aquatic environment (chronic/ long-term):	Aquatic Chronic 2	H411: Toxic to aquatic life with long lasting effects.	
M-Factor acute:			
M-Factor chronic:			
Hazardous to the ozone layer:			data conclusive but not sufficient for classification

Substance identity

EC name: diammonium sodium hexakis(nitrito-N)rhodate

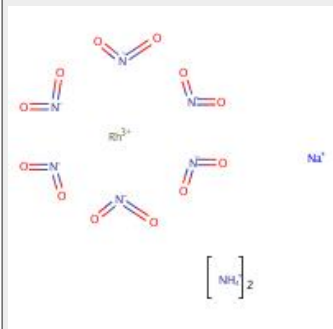
EC number: 264-713-0

CAS number: 64164-17-6

Molecular formula:

H4N.1/2N6O12Rh.1/2Na

Structural formula:



Hazard classification and labelling

GHS name: Diammonium hexakis(nitrito-N)rhodate - 'low impurity' (classified)

Implementation: EU

For the linked composition: **Diammonium sodium hexakis(nitrito-N)rhodate - boundary composition 'low impurity'** the registrant has **NOT** indicated that the substance classification is affected by impurities or additives

GHS07: exclamation mark



GHS09: environment



GHS02: flame



GHS03: flame over circle



GHS08: health hazard



Signal word: Danger

Labelling

Hazard statements:

H251: Self-heating: may catch fire.

H272: May intensify fire; oxidiser.

H317: May cause an allergic skin reaction.

H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

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.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

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.

P221: Take any precaution to avoid mixing with combustibles...

P235+P410: Keep cool. Protect from sunlight.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

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

P308+P313: IF exposed or concerned: Get medical advice/attention.

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.

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

P391: Collect spillage.

P405: Store locked up.

P407: Maintain air gap between stacks or pallets.

P413: Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ...°C/...°F.

P420: Store separately.

P501: Dispose of contents/container to ...

Table 1.2.

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:	Self Heat. 1	H251: Self-heating: may catch fire.	
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:	Oxid. Solid 3	H272: May intensify fire; oxidiser.	
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:			data conclusive but not sufficient for classification
Respiratory sensitisation:			data lacking
Skin sensitisation:	Skin Sens. 1	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:	Muta. 2	H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.	
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):			data conclusive but not sufficient for classification

Hazards to the aquatic environment (chronic/long-term):	Aquatic Chronic 2	H411: Toxic to aquatic life with long lasting effects.	
M-Factor acute:			
M-Factor chronic:			
Hazardous to the ozone layer:			data conclusive but not sufficient for classification

Substance identity

EC name: diammonium sodium hexakis(nitrito-N)rhodate

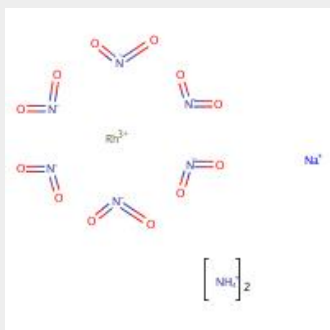
EC number: 264-713-0

CAS number: 64164-17-6

Molecular formula:

H4N.1/2N6O12Rh.1/2Na

Structural formula:



Hazard classification and labelling

GHS name: Diammonium hexakis(nitrito-N)rhodate - 'high impurity'

(classified)

Implementation: EU

For the linked composition: **Diammonium sodium**

hexakis(nitrito-N)rhodate - boundary composition 'high impurity' the registrant has **NOT** indicated that the substance classification is affected by impurities or additives

GHS07: exclamation mark



GHS09: environment



GHS02: flame



GHS03: flame over circle



GHS08: health hazard



Signal word: Danger

Labelling

Hazard statements:

H251: Self-heating: may catch fire.

H272: May intensify fire; oxidiser.

H317: May cause an allergic skin reaction.

H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H360: May damage fertility or the unborn child <state specific effect if known > <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

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.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

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.

P221: Take any precaution to avoid mixing with combustibles...

P235+P410: Keep cool. Protect from sunlight.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

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

P308+P313: IF exposed or concerned: Get medical advice/attention.

P314: Get medical advice/attention if you feel unwell.

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.

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

P391: Collect spillage.

P405: Store locked up.

P407: Maintain air gap between stacks or pallets.

P413: Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ...°C/...°F.
P420: Store separately.
P501: Dispose of contents/container to ...

Table 1.3.

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:	Self Heat. 1	H251: Self-heating: may catch fire.	

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:	Oxid. Solid 3	H272: May intensify fire; oxidiser.	
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:			data conclusive but not sufficient for classification
Respiratory sensitisation:			data lacking
Skin sensitisation:	Skin Sens. 1	H317: May cause an allergic skin reaction.	
Aspiration hazard:			data lacking
Reproductive Toxicity:	Repr. 1A	H360: May damage fertility or the unborn child <state specific effect if known > <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.	

Reproductive Toxicity: Effects on or via lactation:			data lacking
Germ cell mutagenicity:	Muta. 2	H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.	
Carcinogenicity:	Carc. 1A	H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.	
Specific target organ toxicity – single exposure:	Affected organs: Route of exposure:		data lacking
Specific target organ toxicity – repeated exposure:	STOT Rep. Exp. 2 Affected organs: Causes damage to central nervous system, blood and kidneys through prolonged or repeated exposure by inhalation or ingestion. Route of exposure: oral and inhalation	H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.	

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):			data conclusive but not sufficient for classification
Hazards to the aquatic environment (chronic/ long-term):	Aquatic Chronic 2	H411: Toxic to aquatic life with long lasting effects.	

M-Factor acute:

M-Factor chronic:

Hazardous to the ozone layer:			data conclusive but not sufficient for classification
-------------------------------	--	--	---