

Classification and labelling information of the lead registrant

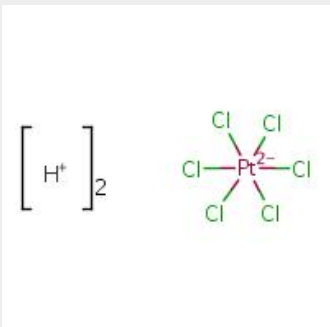



Substance name: Hexachloroplatinic acid

Public name of substance:

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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>EC name: hexachloroplatinic acid EC number: 241-010-7 CAS number: 16941-12-1 Molecular formula: Cl₆Pt.2H</p> | <p>GHS name: Hexachloroplatinic acid (harmonised) (classified) Implementation: EU For the linked composition: <u>Hexachloroplatinic acid - Registration boundary conditions</u> the registrant has NOT indicated that the substance classification is affected by impurities or additives</p> |
| <p>Structural formula:</p>  | <p>GHS06: skull and crossbones </p> <p>GHS05: corrosion </p> <p>GHS08: health hazard </p> |
| <p>Signal word: Danger</p> | |
| <p>Labelling</p> | |
| <p>Hazard statements:</p> | |
| <p>H301: Toxic if swallowed.</p> | |
| <p>H314: Causes severe skin burns and eye damage.</p> | |
| <p>H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> | |
| <p>H317: May cause an allergic skin reaction.</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>P260: Do not breathe dust/fume/gas/mist/vapours/spray.</p> | |
| <p>P261: Avoid breathing dust/fume/gas/mist/vapours/spray.</p> | |
| <p>P264: Wash ... thoroughly after handling.</p> | |
| <p>P270: Do not eat, drink or smoke when using this product.</p> | |
| <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p> | |

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

P285: In case of inadequate ventilation wear respiratory protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

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

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

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.

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

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

P330: Rinse mouth.

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

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...

P363: Wash contaminated clothing before reuse.

P405: Store locked up.

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: | Acute Tox. 3 | H301: Toxic if swallowed. | |
| Acute toxicity - dermal: | | | data lacking |
| Acute toxicity - inhalation: | | | data lacking |
| Skin corrosion / irritation: | Skin Corr. 1B | H314: Causes severe skin burns and eye damage. | |

| | | | |
|---|--|--|--------------|
| Serious damage / eye irritation: | | | data lacking |
| Respiratory sensitisation: | Resp. Sens. 1 | H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. | |
| Skin sensitisation: | Skin Sens. 1 | H317: May cause an allergic skin reaction. | |
| Aspiration hazard: | | | data lacking |
| Reproductive Toxicity: | | | data lacking |
| Reproductive Toxicity: Effects on or via lactation: | | | data lacking |
| Germ cell mutagenicity: | | | data lacking |
| 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 lacking |

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 lacking |
| Hazards to the aquatic environment (chronic/ long-term): | | | data lacking |
| M-Factor acute: | | | |
| M-Factor chronic: | | | |
| Hazardous to the ozone layer: | | | data lacking |

Substance identity

EC name: hexachloroplatinic acid

EC number: 241-010-7

CAS number: 16941-12-1

Molecular formula: Cl₆Pt₂H

Hazard classification and labelling

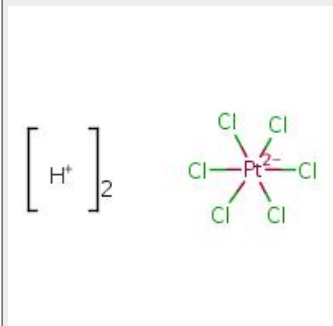
GHS name: Hexachloroplatinic acid (self classification) (classified)

Implementation: EU

For the linked composition: **Hexachloroplatinic acid - Registration boundary conditions the registrant has NOT indicated that the substance classification is affected by impurities or additives**

For the linked composition: **Hexachloroplatinic acid hydrate**
- **Registration boundary conditions** the registrant has **NOT**
indicated that the substance classification is affected by
impurities or additives

Structural formula:



GHS05: corrosion



GHS06: skull and crossbones



GHS08: health hazard



GHS09: environment



Signal word: Danger

Labelling

Hazard statements:

H290: May be corrosive to metals.

H300: Fatal if swallowed.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H372: Causes 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>.

H400: Very toxic to aquatic life.

H410: Very 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.

P234: Keep only in original packaging.

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

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

P264: Wash ... thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

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/...

P284: [In case of inadequate ventilation] wear respiratory protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

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

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

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.

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

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

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

P330: Rinse mouth.

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

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...

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

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 1.2.

| 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 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

| Hazard class | Hazard category | Hazard statement | Reason for no classification |
|---|--|---|---|
| Acute toxicity - oral: | Acute Tox. 2 | H300: Fatal if swallowed. | |
| Acute toxicity - dermal: | | | data lacking |
| Acute toxicity - inhalation: | | | data lacking |
| Skin corrosion / irritation: | Skin Corr. 1B | H314: Causes severe skin burns and eye damage. | |
| Serious damage / eye irritation: | Eye Damage 1 | H318: Causes serious eye damage. | |
| Respiratory sensitisation: | Resp. Sens. 1A | H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. | |
| 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 inconclusive |
| Carcinogenicity: | | | data lacking |
| Specific target organ toxicity – single exposure: | Affected organs: Route of exposure: | | data lacking |
| Specific target organ toxicity – repeated exposure: | STOT Rep. Exp. 1 Affected organs: Kidney Route of exposure: | H372: Causes 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): | 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: 10 | | | |
| M-Factor chronic: 10 | | | |
| Hazardous to the ozone layer: | | | data lacking |