

# SAFETY DATA SHEET

Creation Date 21-May-2012

Revision Date 19-Dec-2025

Revision Number 11

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200)

## 1. Identification

**Product Name** Rhodium(III) nitrate solution

**Cat No. :** AC318980000; AC318980020; AC318980100

**Synonyms** No information available

**Recommended Use** Laboratory chemicals.

**Uses advised against** Food, drug, pesticide or biocidal product use.

### Details of the supplier of the safety data sheet

#### Company

Fisher Scientific Company  
One Reagent Lane  
Fair Lawn, NJ 07410  
Tel: (201) 796-7100

Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410

#### **Emergency Telephone Number**

For information **US** call: 001-800-227-6701 / **Europe** call: +32 14 57 52 11

Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99

**CHEMTREC** Tel. No. **US**:001-800-424-9300 / **Europe**:001-703-527-3887

## 2. Hazard(s) identification

### Classification

This chemical is considered hazardous according to [US] OSHA (29 CFR 1910.1200, 2024)

|   |              |
|---|--------------|
| Oxidizing liquids                             | Category 2   |
| Corrosive to metals                           | Category 1   |
| Acute oral toxicity                           | Category 4   |
| Acute Inhalation Toxicity - Vapors            | Category 4   |
| Skin Corrosion/Irritation                     | Category 1 A |
| Serious Eye Damage/Eye Irritation             | Category 1   |
| Skin Sensitization                            | Category 1   |
| Germ Cell Mutagenicity                        | Category 2   |
| Target Organs - Central nervous system (CNS). |              |

### Label Elements

#### **Signal Word**

Danger

**Hazard Statements**

May intensify fire; oxidizer  
May be corrosive to metals  
Harmful if swallowed or if inhaled  
Causes severe skin burns and eye damage  
May cause an allergic skin reaction  
Suspected of causing genetic defects

**Precautionary Statements****Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
Keep away from clothing and other combustible materials  
Take any precaution to avoid mixing with combustibles  
Keep only in original packaging  
Wear respiratory protection  
Wear protective gloves/protective clothing/eye protection/face protection

**Response**

Immediately call a POISON CENTER or doctor

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing  
Immediately call a POISON CENTER or doctor

**Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower  
Take off contaminated clothing and wash before reuse  
If skin irritation or rash occurs: Get medical advice/attention

**Eyes**

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

**Ingestion**

Rinse mouth  
Do NOT induce vomiting

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

**Spills**

Absorb spillage to prevent material damage

**Storage**

Store locked up  
Store in a well-ventilated place. Keep container tightly closed  
Store in corrosive resistant polypropylene container with a resistant inliner  
Store in a dry place

**Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Very toxic to aquatic life with long lasting effects

Corrosive to the respiratory tract

**Hazards classified under paragraph (d)(1)(ii) of 1910.1200**

No information available

### 3. Composition/information on Ingredients

| Component                   | CAS No     | Weight % |
|-----------------------------|------------|----------|
| Rhodium nitrate             | 10139-58-9 | 28-39    |
| Water                       | 7732-18-5  | 36-52    |
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2  | 20-25    |

### 4. First-aid measures

|  |  |
|--|--|
| <b>General Advice</b>                      | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.  |
| <b>Eye Contact</b>                         | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.  |
| <b>Skin Contact</b>                        | Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Call a physician immediately.  |
| <b>Inhalation</b>                          | If not breathing, give artificial respiration. Remove from exposure, lie down. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician immediately.   |
| <b>Ingestion</b>                           | Do NOT induce vomiting. Clean mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.   |
| <b>Most important symptoms and effects</b> | Causes burns by all exposure routes. May cause allergic skin reaction. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated: Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation: Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing |
| <b>Notes to Physician</b>                  | Treat symptomatically  |

### 5. Fire-fighting measures

|   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>     | CO <sub>2</sub> , dry chemical, dry sand, alcohol-resistant foam. |
| <b>Unsuitable Extinguishing Media</b>   | No information available  |
| <b>Flash Point</b>                      | No information available  |
| <b>Method -</b>                         | No information available  |
| <b>Autoignition Temperature</b>         | No information available  |
| <b>Explosion Limits</b>                 |   |
| <b>Upper</b>                            | No data available   |
| <b>Lower</b>                            | No data available   |
| <b>Oxidizing Properties</b>             | Oxidizer  |
| <b>Sensitivity to Mechanical Impact</b> | No information available  |

**Sensitivity to Static Discharge** No information available

### Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. The product causes burns of eyes, skin and mucous membranes. Oxidizer: Contact with combustible/organic material may cause fire. May ignite combustibles (wood paper, oil, clothing, etc.). Do not allow run-off from fire-fighting to enter drains or water courses.

### Hazardous Combustion Products

Nitrogen oxides (NO<sub>x</sub>). Thermal decomposition can lead to release of irritating gases and vapors.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

### NFPA

**Health**  
3

**Flammability**  
3

**Instability**  
3

**Physical hazards**  
OX

## 6. Accidental release measures

### Personal Precautions

Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

### Environmental Precautions

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

### Methods for Containment and Clean Up

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. Handling and Storage

### Handling

Do not get in eyes, on skin, or on clothing. Wear personal protective equipment/face protection. Use only under a chemical fume hood. Do not breathe mist/vapors/spray. Do not ingest. If swallowed then seek immediate medical assistance. Keep away from clothing and other combustible materials.

### Storage.

Corrosives area. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near combustible materials. Do not store in metal containers. Incompatible Materials. Strong reducing agents. Combustible material. Strong bases. Metals.

## 8. Exposure controls / personal protection

### Exposure Guidelines

| Component                   | ACGIH TLV                   | OSHA PEL  | NIOSH   | Mexico OEL (TWA)            |
|-----------------------------|-----------------------------|---|---|-----------------------------|
| Rhodium nitrate             | TWA: 0.01 mg/m <sup>3</sup> | (Vacated) TWA: 0.001 mg/m <sup>3</sup>  | IDLH: 2 mg/m <sup>3</sup><br>REL = 0.001 mg/m <sup>3</sup> (TWA)  | TWA: 0.01 mg/m <sup>3</sup> |
| Nitric acid ...% [C ≤ 70 %] | TWA: 2 ppm<br>STEL: 4 ppm   | (Vacated) TWA: 2 ppm<br>(Vacated) TWA: 5 mg/m <sup>3</sup><br>(Vacated) STEL: 4 ppm<br>(Vacated) STEL: 10 mg/m <sup>3</sup><br>TWA: 2 ppm<br>TWA: 5 mg/m <sup>3</sup> | IDLH: 25 ppm<br>REL = 2 ppm (TWA)<br>REL = 5 mg/m <sup>3</sup> (TWA)<br>STEL: 4 ppm<br>STEL: 10 mg/m <sup>3</sup> | TWA: 2 ppm<br>STEL: 4 ppm   |

### Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH: NIOSH - National Institute for Occupational Safety and Health

### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal Protective Equipment**

|                                 |   |
|---------------------------------|---|
| <b>Eye/face Protection</b>      | Tight sealing safety goggles. Face protection shield.   |
| <b>Skin and body protection</b> | Wear appropriate protective gloves and clothing to prevent skin exposure.   |
| <b>Respiratory Protection</b>   | Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. |
| <b>Recommended Filter type:</b> | Particulates filter conforming to EN 143. Acid gases filter. Type E. Yellow. conforming to EN14387.   |
| <b>Hygiene Measures</b>         | Handle in accordance with good industrial hygiene and safety practice.  |

**9. Physical and chemical properties****Appearance****Physical State****Color****Odor****Odor Threshold****Property****Melting Point/Range****Softening Point****Boiling Point/Range****Flash Point****Flammability (liquid)****Flammability (solid,gas)****Explosion Limits**

Liquid

Dark amber

No information available

No information available

**Values**

No data available

No data available

No information available

No information available

No data available

Not applicable

No data available

**Remarks****• Method****Method -** No information available

Liquid

**Autoignition Temperature****Decomposition Temperature****pH****Viscosity****Water Solubility****Solubility in other solvents****Partition Coefficient (n-octanol/water)****Component**

Nitric acid ...% [C ≤ 70 %]

**Vapor Pressure****Density / Specific Gravity****Bulk Density****Vapor Density****Particle characteristics**

No data available

No data available

&lt; 1

No data available

Miscible

No information available

**log Pow**

-2.3

No data available

1.29

Not applicable

&gt; 1.0

Not applicable (liquid)

Liquid  
(Air = 1.0)**Other Information****Oxidizing Properties**

Oxidizer

**10. Stability and reactivity****Reactive Hazard**

Yes

**Stability**

Stable under normal conditions. Oxidizer: Contact with combustible/organic material may cause fire.

|   |  |
|---|--|
| <b>Conditions to Avoid</b>              | Incompatible products. Excess heat. Combustible material.  |
| <b>Incompatible Materials</b>           | Strong reducing agents, Combustible material, Strong bases, Metals   |
| <b>Hazardous Decomposition Products</b> | Nitrogen oxides (NO <sub>x</sub> ), Thermal decomposition can lead to release of irritating gases and vapors |
| <b>Hazardous Polymerization</b>         | Hazardous polymerization does not occur.   |
| <b>Hazardous Reactions</b>              | None under normal processing.  |

## 11. Toxicological information

### Information on expected route of exposure

|                   |  |
|-------------------|--|
| <b>Inhalation</b> | Harmful by inhalation.   |
| <b>Ingestion</b>  | Ingestion causes burns of the upper digestive and respiratory tracts. Can burn mouth, throat, and stomach. Harmful if swallowed. |
| <b>Eyes</b>       | Causes burns. Corrosive to the eyes and may cause severe damage including blindness.   |
| <b>Skin</b>       | Risk of serious damage to eyes.<br>Causes burns.   |

### Toxicology data for the components

| Component                   | LD50 Oral | LD50 Dermal | LC50 Inhalation           |
|-----------------------------|-----------|-------------|---------------------------|
| Water                       | -         | -           | -                         |
| Nitric acid ...% [C ≤ 70 %] | -         | -           | LC50 = 2500 ppm. (Rat) 1h |

**Toxicologically Synergistic Products** No information available

**(b) skin corrosion/irritation;** Category 1 A

**(c) serious eye damage/irritation;** Category 1

**(d) respiratory or skin sensitization;**

**Respiratory**

**Skin**

No data available

Category 1

May cause sensitization by skin contact

**(e) germ cell mutagenicity;** Category 2

**(f) carcinogenicity;**

The table below indicates whether each agency has listed any ingredient as a carcinogen

| Component                   | CAS No     | IARC       | NTP        | ACGIH      | OSHA       | Mexico     |
|-----------------------------|------------|------------|------------|------------|------------|------------|
| Rhodium nitrate             | 10139-58-9 | Not listed | Not listed | Not listed | Not listed | Not listed |
| Water                       | 7732-18-5  | Not listed | Not listed | Not listed | Not listed | Not listed |
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2  | Not listed | Not listed | Not listed | Not listed | Not listed |

**(g) reproductive toxicity;** No data available

**(h) STOT-single exposure;** No data available

|  |  |
|--|--|
| (i) STOT-repeated exposure;                | No data available  |
| Target Organs                              | No information available.  |
| (j) aspiration hazard;                     | No data available  |
| Other Adverse Effects                      | The toxicological properties have not been fully investigated.   |
| Symptoms / effects, both acute and delayed | Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing. |
| Other Adverse Effects                      | The toxicological properties have not been fully investigated.   |
| Endocrine Disrupting Properties            | This product does not contain any known or suspected endocrine disruptors.   |

## 12. Ecological information

### Ecotoxicity

The product contains following substances which are hazardous for the environment. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Persistence and Degradability** Miscible with water Persistence is unlikely based on information available.

**Bioaccumulation/ Accumulation** No information available.

**Mobility** . Will likely be mobile in the environment due to its water solubility.

| Component                   | log Pow |
|-----------------------------|---------|
| Nitric acid ...% [C ≤ 70 %] | -2.3    |

## 13. Disposal considerations

**Waste Disposal Methods** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

### DOT

|                         |                                      |
|-------------------------|--------------------------------------|
| UN-No                   | UN3093                               |
| Proper Shipping Name    | CORROSIVE LIQUIDS, OXIDIZING, N.O.S. |
| Technical Shipping Name | Rhodium nitrate, Nitric acid         |
| Hazard Class            | 8                                    |
| Subsidiary Hazard Class | 5.1                                  |
| Packing Group           | II                                   |

### TDG

|                         |                                     |
|-------------------------|-------------------------------------|
| UN-No                   | UN3093                              |
| Proper Shipping Name    | Corrosive liquid, oxidizing, n.o.s. |
| Technical Shipping Name | Rhodium nitrate, Nitric acid        |
| Hazard Class            | 8                                   |
| Subsidiary Hazard Class | 5.1                                 |
| Packing Group           | II                                  |

### IATA

|                         |                                     |
|-------------------------|-------------------------------------|
| UN-No                   | UN3093                              |
| Proper Shipping Name    | Corrosive liquid, oxidizing, n.o.s. |
| Technical Shipping Name | Rhodium nitrate, Nitric acid        |

|                                |                                     |
|--------------------------------|-------------------------------------|
| <b>Hazard Class</b>            | 8                                   |
| <b>Subsidiary Hazard Class</b> | 5.1                                 |
| <b>Packing Group</b>           | II                                  |
| <b>IMDG/IMO</b>                |                                     |
| <b>UN-No</b>                   | UN3093                              |
| <b>Proper Shipping Name</b>    | Corrosive liquid, oxidizing, n.o.s. |
| <b>Technical Shipping Name</b> | Rhodium nitrate, Nitric acid        |
| <b>Hazard Class</b>            | 8                                   |
| <b>Subsidiary Hazard Class</b> | 5.1                                 |
| <b>Packing Group</b>           | II                                  |

## 15. Regulatory Information

### United States of America Inventory

| Component                   | CAS No     | TSCA | TSCA Inventory notification - Active-Inactive | TSCA - EPA Regulatory Flags |
|-----------------------------|------------|------|---|-----------------------------|
| Rhodium nitrate             | 10139-58-9 | X    | ACTIVE  | -                           |
| Water                       | 7732-18-5  | X    | ACTIVE  | -                           |
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2  | X    | ACTIVE  | -                           |

#### Legend:

**TSCA** US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

-/- - Not Listed

**TSCA - Per 40 CFR 751, Regulation of Certain Chemical Substances & Mixtures, Under TSCA Section 6(h) (PBT)**

Not applicable

**TSCA 12(b)** - Notices of Export

Not applicable

### International Inventories

Canada (DSL/NDL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

| Component                   | CAS No     | DSL | NDL | EINECS    | PICCS | ENCS | ISHL | AICS | IECSC | KECL     |
|-----------------------------|------------|-----|-----|-----------|-------|------|------|------|-------|----------|
| Rhodium nitrate             | 10139-58-9 | -   | X   | 233-397-6 | -     | X    | X    | -    | X     | KE-30322 |
| Water                       | 7732-18-5  | X   | -   | 231-791-2 | X     | X    |      | X    | X     | KE-35400 |
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2  | X   | -   | 231-714-2 | X     | X    | X    | X    | X     | KE-25911 |

**KECL** - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Component                   | CAS No    | Weight % | SARA 313 - Threshold Values % | SARA 313 - Reporting thresholds |
|-----------------------------|-----------|----------|-------------------------------|---------------------------------|
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2 | 20-25    | 1.0 %                         | -                               |

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### CWA (Clean Water Act)

| Component                   | CWA - Hazardous Substances | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants |
|-----------------------------|----------------------------|-----------------------------|------------------------|---------------------------|
| Nitric acid ...% [C ≤ 70 %] | X                          | 1000 lb                     | -                      | -                         |

**Clean Air Act**

Not applicable

OSHA - Occupational Safety and Health Administration

OSHA - United States Occupational Safety and Health Administration

| Component                   | Specifically Regulated Chemicals | Highly Hazardous Chemicals |
|-----------------------------|----------------------------------|----------------------------|
| Nitric acid ...% [C ≤ 70 %] | -                                | TQ: 500 lb                 |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

| Component                   | Hazardous Substances RQs | CERCLA Extremely Hazardous Substances RQs | SARA Reportable Quantity (RQ) |
|-----------------------------|--------------------------|---|-------------------------------|
| Nitric acid ...% [C ≤ 70 %] | 1000 lb                  | 1000 lb                                   | 1000 lb<br>454 kg             |

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Component                   | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|-----------------------------|---------------|------------|--------------|----------|--------------|
| Rhodium nitrate             | -             | X          | -            | X        | -            |
| Water                       | -             | -          | X            | -        | -            |
| Nitric acid ...% [C ≤ 70 %] | X             | X          | X            | X        | X            |

**U.S. Department of Transportation**

Reportable Quantity (RQ): Y  
 DOT Marine Pollutant N  
 DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security**

This product contains the following DHS chemicals:

**Legend** - STQs = Screening Threshold Quantities, APA = A placarded amount

| Component                   | DHS Chemical Facility Anti-Terrorism Standard |
|-----------------------------|---|
| Nitric acid ...% [C ≤ 70 %] | Release STQs - 15000lb<br>Theft STQs - 400lb  |

**Other International Regulations****Mexico - Grade**

No information available

**Authorisation/Restrictions according to EU REACH**

| Component                   | CAS No     | REACH (1907/2006) - Annex XIV - Substances Subject to Authorization | REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC) |
|-----------------------------|------------|---|---|---|
| Rhodium nitrate             | 10139-58-9 | -   | -   | -   |
| Water                       | 7732-18-5  | -   | -   | -   |
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2  | -   | Use restricted. See entry 75.<br>(see link for restriction details)           | -   |

**REACH links**

<https://echa.europa.eu/substances-restricted-under-reach>

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

| Component                   | CAS No     | OECD HPV       | Persistent Organic Pollutant | Ozone Depletion Potential | Restriction of Hazardous Substances (RoHS) |
|-----------------------------|------------|----------------|------------------------------|---------------------------|--|
| Rhodium nitrate             | 10139-58-9 | Not applicable | Not applicable               | Not applicable            | Not applicable                             |
| Water                       | 7732-18-5  | Listed         | Not applicable               | Not applicable            | Not applicable                             |
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2  | Listed         | Not applicable               | Not applicable            | Not applicable                             |

**Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)?**

Not applicable

**Other International Regulations**

| Component                   | CAS No     | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements | Rotterdam Convention (PIC) | Basel Convention (Hazardous Waste) |
|-----------------------------|------------|---|--|----------------------------|------------------------------------|
| Rhodium nitrate             | 10139-58-9 | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| Water                       | 7732-18-5  | Not applicable  | Not applicable   | Not applicable             | Not applicable                     |
| Nitric acid ...% [C ≤ 70 %] | 7697-37-2  | Not applicable  | Not applicable   | Not applicable             | Annex I - Y34                      |

**16. Other Information****Prepared By**

Product stewardship (Regulatory Affairs)  
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**Creation Date**

21-May-2012

**Revision Date**

19-Dec-2025

**Print Date**

19-Dec-2025

**Revision Summary**

Updated to the U.S. Department of Labor's Occupational Safety and Health Administration (OSHA) which published its Final Rule in the Federal Register revising the Hazard Communication Standard (HCS/HazCom), 29 CFR 1910.1200 (2024) (HCS §1910.1200, 2024), May 20, 2024, effective July 19, 2024.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**