

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### Custom ICP-ICP/MS Standard

Revision date: 02/04/2026

Product code: AC18.23271

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## 1. Identification

### Product identifier

Custom ICP-ICP/MS Standard

### Recommended use of the chemical and restrictions on use

#### Use of the substance/mixture

Reagents and laboratory chemicals  
Only for laboratory and analysis purposes.

#### Uses advised against

Do not use for private purposes (household).

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

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Company name: AnalytiChem Services, Unipessoal, Lda  
Street: Rua de Júlio Dinis 676 7º  
Place: P-4050-320 Porto  
Telephone: +351 226002917  
E-mail: info@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Internet: www.analytichem.com  
Responsible Department: SDS service department

#### Supplier or manufacturer details

Company name: AnalytiChem Canada Inc.  
Street: Québec, CANADA  
Place: 21800 Clark Graham Ave  
CDN-H9X 4B6 Baie-D'Urfé  
Telephone: +1 (800) 361-6820  
E-mail: info@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Internet: www.analytichem.com  
Responsible Department: AnalytiChem:  
EU-Belgium: AnalytiChem Belgium, Industriezone "De Arend" 2, 8210 Zedelgem, Belgium, +32 50 28 83 20  
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UK: AnalytiChem UK, Unit 7 Launton Business Center, Murdock Road, Bicester, OX26 4XB, England, +44 1869 355 500  
USA: AnalytiChem USA, 227 China Road, Winslow, Maine, 04901, United States, +1 800-244-8378  
Canada: AnalytiChem Canada, 21800 Clark Graham Avenue, Baie d'Urfe, H9X 4B6, Canada, +1 514-457-0701  
Australia: ORE Research & Exploration Pty Ltd, 37A Hosie Street, Bayswater North, 3153, Australia, +61 3 9729 0333  
Telefax: +1 (800) 253-5549

### Emergency phone number:

+1 703-741-5970 (CHEMTREC)

### Further Information

No data available

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## 2. Hazard(s) identification

### Classification of the chemical

#### 29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

### Label elements

#### Hazards not otherwise classified

No data available

## 3. Composition/information on ingredients

### Mixtures

#### Chemical characterization

Mixtures in aqueous solution

#### Relevant ingredients

none (according to 29 CFR 1910.1200(g))

#### Further Information

No data available

## 4. First-aid measures

### Description of first aid measures

#### General information

No data available

#### After inhalation

Provide fresh air.

#### After contact with skin

Wash immediately with: Water

Take off immediately all contaminated clothing and wash it before reuse.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

Remove contact lenses, if present and easy to do. Continue rinsing.

In case of eye irritation consult an ophthalmologist.

#### After ingestion

Rinse mouth.

If swallowed, immediately drink: Water

Call a doctor if you feel unwell.

### Most important symptoms and effects, both acute and delayed

No data available

### Indication of any immediate medical attention and special treatment needed

No data available

## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media

no restriction

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#### Specific hazards arising from the chemical

Non-combustible liquids

#### Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Use water spray jet to protect personnel and to cool endangered containers.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

##### **General advice**

Do not breathe dust/fume/gas/mist/vapors/spray.

##### **For non-emergency personnel**

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

To follow: Emergency procedures

Consult an expert

Do not breathe dust/fume/gas/mist/vapors/spray.

##### **For emergency responders**

Precautionary statements For emergency responders : Personal protection equipment (PPE): see section 8

#### Environmental precautions

Do not allow to enter into surface water or drains.

#### Methods and material for containment and cleaning up

##### **For containment**

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal.

##### **For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

##### **Other information**

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wear breathing apparatus if exposed to vapors/dusts/aerosols.

#### Reference to other sections

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

### 7. Handling and storage

#### Precautions for safe handling

##### **Advice on safe handling**

Handle and open container with care.

Do not breathe dust/fume/gas/mist/vapors/spray.

Provide adequate ventilation.

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#### Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Advice on general occupational hygiene

Keep away from: Food and feedingstuffs

When using do not eat, drink, smoke, sniff.

#### Further information on handling

Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary.

Take off immediately all contaminated clothing and wash it before reuse.

#### Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Keep container tightly closed.

##### Hints on joint storage

National regulations

##### Further information on storage conditions

Store in a dry place.

### 8. Exposure controls/personal protection

#### Control parameters

##### Additional advice on limit values

Observe in addition any national regulations!

#### Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

goggles

##### Hand protection

Tested protective gloves must be worn

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Wear suitable protective clothing.

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Take off immediately all contaminated clothing and wash it before reuse.

##### Respiratory protection

Wear breathing apparatus if exposed to vapors/dusts/aerosols.

##### Thermal hazards

No data available

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                                                           |                   |                   |
|-----------------------------------------------------------|-------------------|-------------------|
| Physical state:                                           | Liquid            |                   |
| Color:                                                    | No data available |                   |
| Odor:                                                     | No data available |                   |
| Odour threshold:                                          | No data available |                   |
| Melting point/freezing point:                             |                   | No data available |
| Boiling point or initial boiling point and boiling range: |                   | No data available |
| Flammability:                                             |                   | No data available |
| Lower explosion limits:                                   |                   | No data available |
| Upper explosion limits:                                   |                   | No data available |
| Flash point:                                              |                   | No data available |
| Auto-ignition temperature:                                |                   | No data available |
| Decomposition temperature:                                |                   | No data available |
| pH-Value:                                                 |                   | No data available |
| Viscosity / kinematic:                                    |                   | No data available |
| Water solubility:                                         |                   | No data available |
| Solubility in other solvents                              |                   |                   |
| No data available                                         |                   |                   |
| Dissolution rate:                                         |                   | No data available |
| Partition coefficient n-octanol/water:                    |                   | No data available |
| Dispersion stability:                                     |                   | No data available |
| Vapor pressure:                                           |                   | No data available |
| Vapor pressure:                                           |                   | No data available |
| Density:                                                  |                   | No data available |
| Relative density:                                         |                   | No data available |
| Bulk density:                                             |                   | No data available |
| Relative vapour density:                                  |                   | No data available |
| Particle characteristics:                                 |                   | No data available |

### Other information

#### **Information with regard to physical hazard classes**

|                           |                   |
|---------------------------|-------------------|
| Explosive properties      |                   |
| No data available         |                   |
| Sustained combustibility: | No data available |
| Self-ignition temperature |                   |
| Solid:                    | No data available |
| Gas:                      | No data available |
| Oxidizing properties      |                   |
| No data available         |                   |

#### **Other safety characteristics**

|                          |                   |
|--------------------------|-------------------|
| Evaporation rate:        | No data available |
| Solvent separation test: | No data available |
| Solvent content:         | 0%                |
| Solid content:           | 0%                |
| Sublimation point:       | No data available |
| Softening point:         | No data available |
| Pour point:              | No data available |
| No data available:       |                   |

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Viscosity / dynamic:

No data available

Flow time:

No data available

#### Further Information

No data available

## 10. Stability and reactivity

### Reactivity

No hazardous reaction when handled and stored according to provisions.

### Chemical stability

The product is stable under storage at normal ambient temperatures.

### Possibility of hazardous reactions

No data available

### Conditions to avoid

No data available

### Incompatible materials

No data available

### Hazardous decomposition products

No data available

### Further information

No data available

## 11. Toxicological information

### Route(s) of Entry

No data available

### Information on toxicological effects

#### **Toxicokinetics, metabolism and distribution**

No data available

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

#### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

#### **Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

#### **Sensitizing effects**

Based on available data, the classification criteria are not met.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

#### **Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

#### **Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, the classification criteria are not met.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

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Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Specific effects in experiment on an animal

No data available

#### Additional information on tests

No data available

#### Practical experience

No data available

#### Information on other hazards

##### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

##### Other information

No data available

##### Further information

No data available

### 12. Ecological information

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### Other adverse effects

Discharge into the environment must be avoided.

#### Further information

Do not allow to enter into surface water or drains.

### 13. Disposal considerations

#### Waste treatment methods

##### Disposal recommendations

Send to a physico-chemical treatment facility under observation of official regulations.

Do not allow to enter into surface water or drains.

##### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

### 14. Transport information

#### U.S. DOT 49 CFR 172.101

##### Proper shipping name:

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### UN number or ID number:

No dangerous good in sense of this transport regulation.

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**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

**UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Special precautions for user**

No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No data available

## 15. Regulatory information

**U.S. Regulations**

**State Regulations**

**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## 16. Other information

Revision date: 02/04/2026

Revision No: 1,00

**Other data**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*