

**Section 1. Identification**

**GHS product identifier** : NI-1111 products  
**Other means of identification** : NI-1111-4 (ZNI1111-04), NI-1111-5 (ZNI1111-05)  
**Product type** : Powder.

**Relevant identified uses of the substance or mixture and uses advised against**

Not applicable.

**Supplier's details** : Praxair Surface Technologies, Inc.  
1555 Main Street  
Indianapolis, IN 46224  
USA  
317-240-2650

**Emergency telephone number (with hours of operation)** : 317-240-2484 7:00am - 3:30pm ET Mon-Fri  
Chemtrec: 1-800-424-9300

**Section 2. Hazards identification**

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2

**GHS label elements****Hazard pictograms**

**Signal word** : Warning  
**Hazard statements** : Suspected of causing cancer.

**Precautionary statements**

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.  
**Response** : IF exposed or concerned: Get medical attention.  
**Storage** : Store locked up.  
**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified** : Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

**Section 3. Composition/information on ingredients**

**Substance/mixture** : Substance  
**Other means of identification** : NI-1111-4 (ZNI1111-04), NI-1111-5 (ZNI1111-05)

**CAS number/other identifiers**

**CAS number** : Not available.  
**Product code** : NI-1111 products

## Section 3. Composition/information on ingredients

| Ingredient name  | %       | CAS number |
|------------------|---------|------------|
| NI-1111 products | 100     | -          |
| Nickel           | 50 - 75 | 7440-02-0  |
| chromium         | 5 - 20  | 7440-47-3  |
| cobalt           | 5 - 20  | 7440-48-4  |
| molybdenum       | 5 - 20  | 7439-98-7  |
| titanium         | 1 - 5   | 7440-32-6  |
| Aluminum         | 1 - 5   | 91728-14-2 |
| boron            | <1      | 7440-42-8  |
| carbon           | <1      | 7440-44-0  |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

#### Potential acute health effects

- Eye contact** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
irritation  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

## Section 4. First aid measures

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name | Exposure limits  |
|-----------------|--|
| Nickel          | <p><b>ACGIH TLV (United States, 6/2013).</b><br/>TWA: 1.5 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b><br/>TWA: 1 mg/m<sup>3</sup>, (as Ni) 8 hours.</p> <p><b>NIOSH REL (United States, 10/2013).</b><br/>TWA: 0.015 mg/m<sup>3</sup>, (as Ni) 10 hours.</p> <p><b>OSHA PEL (United States, 2/2013).</b><br/>TWA: 1 mg/m<sup>3</sup>, (as Ni) 8 hours.</p> |
| chromium        | <p><b>ACGIH TLV (United States, 6/2013).</b><br/>TWA: 0.5 mg/m<sup>3</sup>, (measured as Cr) 8 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b><br/>TWA: 1 mg/m<sup>3</sup> 8 hours.</p> <p><b>NIOSH REL (United States, 10/2013).</b><br/>TWA: 0.5 mg/m<sup>3</sup> 8 hours.</p> <p><b>OSHA PEL (United States, 2/2013).</b><br/>TWA: 1 mg/m<sup>3</sup>, (as Cr) 8 hours.</p>                             |
| cobalt          | <p><b>OSHA PEL 1989 (United States, 3/1989).</b><br/><b>Notes: as Co</b><br/>TWA: 0.05 mg/m<sup>3</sup>, (as Co) 8 hours.</p> <p><b>OSHA PEL (United States, 2/2013). Notes: as Co</b><br/>TWA: 0.1 mg/m<sup>3</sup>, (as Co) 8 hours.</p> <p><b>NIOSH REL (United States, 10/2013). Notes: as Co</b><br/>TWA: 0.05 mg/m<sup>3</sup>, (as Co) 10 hours. Form: Dust and fumes</p>                                       |



## Section 9. Physical and chemical properties

### Appearance

|  |   |
|--|---|
| Physical state                               | : Solid. [Powder.]  |
| Color  | : Gray.   |
| Odor   | : Odorless.   |
| Odor threshold                               | : Not available.  |
| pH   | : Not available.  |
| Melting point                                | : Not available.  |
| Boiling point                                | : Not available.  |
| Flash point                                  | : Not available.  |
| Evaporation rate                             | : Not available.  |
| Flammability (solid, gas)                    | : Not available.  |
| Lower and upper explosive (flammable) limits | : Not available.  |
| VOC content                                  | : 0 lbs/gal (0 g/l)   |
| Vapor pressure                               | : Not available.  |
| Vapor density                                | : Not available.  |
| Relative density                             | : Not available.  |
| Solubility                                   | : Insoluble in the following materials: cold water and hot water. |
| Partition coefficient: n-octanol/water       | : Not available.  |
| Auto-ignition temperature                    | : Not available.  |
| Decomposition temperature                    | : Not available.  |
| Viscosity                                    | : Not available.  |

## Section 10. Stability and reactivity

|                                    |  |
|------------------------------------|--|
| Reactivity                         | : No specific test data related to reactivity available for this product or its ingredients.           |
| Chemical stability                 | : The product is stable.   |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| Conditions to avoid                | : No specific data.  |
| Incompatible materials             | : No specific data.  |
| Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name | Result    | Species | Dose      | Exposure |
|-------------------------|-----------|---------|-----------|----------|
| boron                   | LD50 Oral | Rat     | 650 mg/kg | -        |

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

## Section 11. Toxicological information

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Classification

| Product/ingredient name | OSHA | IARC | NTP  |
|-------------------------|------|------|--|
| Nickel                  | -    | 2B   | Reasonably anticipated to be a human carcinogen. |
| chromium                | -    | 3    |  |
| cobalt                  | -    | 2B   |  |

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Dermal, Inhalation.

### Potential acute health effects

- Eye contact** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
irritation  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.



## Section 11. Toxicological information

### Potential chronic health effects

Not available.

|                              |  |
|------------------------------|--|
| <b>General</b>               | : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.   |
| <b>Carcinogenicity</b>       | : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure. |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards.                                      |
| <b>Teratogenicity</b>        | : No known significant effects or critical hazards.                                      |
| <b>Developmental effects</b> | : No known significant effects or critical hazards.                                      |
| <b>Fertility effects</b>     | : No known significant effects or critical hazards.                                      |

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

| Product/ingredient name | Result                             | Species   | Exposure |
|-------------------------|------------------------------------|---|----------|
| Nickel                  | Acute EC50 2 ppm Marine water      | Algae - <i>Macrocystis pyrifera</i> - Young   | 4 days   |
|                         | Acute EC50 450 µg/l Fresh water    | Aquatic plants - <i>Lemna minor</i>   | 4 days   |
|                         | Acute EC50 1000 µg/l Marine water  | Daphnia - <i>Daphnia magna</i>  | 48 hours |
|                         | Acute IC50 0.31 mg/l Marine water  | Crustaceans - <i>Americamysis bahia</i> - Juvenile (Fledgling, Hatchling, Weanling) | 48 hours |
| chromium                | Acute LC50 47.5 ng/L Fresh water   | Fish - <i>Heteropneustes fossilis</i>   | 96 hours |
|                         | Chronic NOEC 100 mg/l Marine water | Algae - <i>Glenodinium halli</i>  | 72 hours |
|                         | Chronic NOEC 3.5 µg/l Fresh water  | Fish - <i>Cyprinus carpio</i>   | 4 weeks  |
|                         | Acute EC50 0.2 ppm Marine water    | Algae - Bacillariophyta   | 72 hours |
| cobalt                  | Acute EC50 5 ppm Marine water      | Algae - <i>Macrocystis pyrifera</i> - Young   | 4 days   |
|                         | Acute EC50 35000 µg/l Fresh water  | Aquatic plants - <i>Lemna minor</i>   | 4 days   |
|                         | Acute LC50 45 µg/l Fresh water     | Crustaceans - <i>Ceriodaphnia reticulata</i>  | 48 hours |
|                         | Acute LC50 22 µg/l Fresh water     | Daphnia - <i>Daphnia magna</i>  | 48 hours |
| molybdenum              | Acute LC50 13.9 ppm Fresh water    | Fish - <i>Anguilla rostrata</i>   | 96 hours |
|                         | Chronic NOEC 50 mg/l Marine water  | Algae - <i>Glenodinium halli</i>  | 72 hours |
|                         | Chronic NOEC 0.19 µg/l Fresh water | Fish - <i>Cyprinus carpio</i>   | 4 weeks  |
|                         | Acute LC50 4400 µg/l               | Daphnia - <i>Daphnia magna</i>  | 48 hours |
| boron                   | Acute LC50 3.4 mg/l Fresh water    | Fish - <i>Pimephales promelas</i>   | 96 hours |
|                         | Acute LC50 200000 µg/l             | Daphnia - <i>Daphnia magna</i>  | 48 hours |
|                         | Acute LC50 800 mg/l Fresh water    | Fish - <i>Oncorhynchus mykiss</i>   | 96 hours |
|                         | Chronic NOEC 500 mg/l Marine water | Algae - <i>Glenodinium halli</i>  | 72 hours |
|                         | Acute EC50 60000 µg/l Fresh water  | Aquatic plants - <i>Lemna minor</i>   | 4 days   |

### Persistence and degradability

Not available.

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF       | Potential |
|-------------------------|--------------------|-----------|-----------|
| cobalt                  | -                  | 15600     | high      |
| titanium                | -                  | 34 to 352 | low       |



## Section 12. Ecological information

### Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ ) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                            | DOT<br>Classification   | TDG<br>Classification | Mexico<br>Classification | ADR/RID        | IMDG           | IATA           |
|----------------------------|---|-----------------------|--------------------------|----------------|----------------|----------------|
| UN number                  | Not regulated.  | Not regulated.        | Not regulated.           | Not regulated. | Not regulated. | Not regulated. |
| UN proper shipping name    | -   | -                     | -                        | -              | -              | -              |
| Transport hazard class(es) | -   | -                     | -                        | -              | -              | -              |
| Packing group              | -   | -                     | -                        | -              | -              | -              |
| Environmental hazards      | No.   | No.                   | No.                      | No.            | No.            | No.            |
| Additional information     | <p><b>Reportable quantity</b><br/>160 lbs / 72.64 kg<br/>Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.</p> | -                     | -                        | -              | -              | -              |

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 14. Transport information

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
 United States inventory (TSCA 8b): Not determined.  
 Clean Water Act (CWA) 307: Nickel; chromium

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : Delayed (chronic) health hazard

#### Composition/information on ingredients

| Name             | %       | Fire hazard | Sudden release of pressure | Reactive | Immediate (acute) health hazard | Delayed (chronic) health hazard |
|------------------|---------|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| NI-1111 products | 100     | No.         | No.                        | No.      | No.                             | Yes.                            |
| Nickel           | 50 - 75 | No.         | No.                        | No.      | No.                             | Yes.                            |
| cobalt           | 5 - 20  | No.         | No.                        | No.      | No.                             | Yes.                            |
| boron            | <1      | No.         | No.                        | No.      | Yes.                            | No.                             |

### SARA 313

|  | Product name | CAS number | %       |
|--|--------------|------------|---------|
| <b>Form R - Reporting requirements</b> | Nickel       | 7440-02-0  | 50 - 75 |
|  | chromium     | 7440-47-3  | 5 - 20  |
|  | cobalt       | 7440-48-4  | 5 - 20  |
| <b>Supplier notification</b>           | Nickel       | 7440-02-0  | 50 - 75 |
|  | chromium     | 7440-47-3  | 5 - 20  |
|  | cobalt       | 7440-48-4  | 5 - 20  |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

**Massachusetts** : The following components are listed: NICKEL; CHROMIUM; COBALT; MOLYBDENUM

**New York** : The following components are listed: Nickel; Chromium

**New Jersey** : The following components are listed: NICKEL; CHROMIUM; COBALT; MOLYBDENUM; TITANIUM

## Section 15. Regulatory information

**Pennsylvania** : The following components are listed: NICKEL; CHROMIUM; COBALT FUME; MOLYBDENUM

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

| Ingredient name | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|-----------------|--------|--------------|---------------------------|---------------------------------|
| Nickel          | Yes.   | No.          | No.                       | No.                             |
| cobalt          | Yes.   | No.          | No.                       | No.                             |

**Canada inventory** : Not determined.

### International regulations

**International lists** :

- Australia inventory (AICS):** Not determined.
- China inventory (IECSC):** Not determined.
- Japan inventory:** Not determined.
- Korea inventory:** Not determined.
- Malaysia Inventory (EHS Register):** Not determined.
- New Zealand Inventory of Chemicals (NZIoC):** Not determined.
- Philippines inventory (PICCS):** Not determined.
- Taiwan inventory (CSNN):** Not determined.

**Chemical Weapons Convention List Schedule I Chemicals** : Not listed

**Chemical Weapons Convention List Schedule II Chemicals** : Not listed

**Chemical Weapons Convention List Schedule III Chemicals** : Not listed

## Section 16. Other information

### History

**Date of printing** : 6/11/2014.

**Date of issue/Date of revision** : 6/11/2014.

**Key to abbreviations** :

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- UN = United Nations

**References** : Not available.

### Notice to reader

## **Section 16. Other information**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.