1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Wolf Trax Iron DDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>Not available</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Plant Food</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>None known.</td>
</tr>
</tbody>
</table>

Manufacturer information

Compass Minerals USA Inc.
9900 West 109th Street, Suite 100
Overland Park, KS 66210 US
Phone (913) 344-9200

Compass Minerals Manitoba Inc.
6700 Century Avenue
Mississauga L5N 6A4 CA
http://www.compassminerals.com/
Phone (905) 567-0231
techservicesrequests@compassminerals.com

Supplier

1-800-424-9300
CHEMTREC
1-613-996-6666
CANUTEC

2. Hazards Identification

Physical hazards

Not classified.

Health hazards

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 2</td>
<td>Skin corrosion/irritation</td>
</tr>
<tr>
<td>Category 1</td>
<td>Serious eye damage/eye irritation</td>
</tr>
<tr>
<td>Category 1</td>
<td>Carcinogenicity</td>
</tr>
<tr>
<td>Category 3</td>
<td>Specific target organ toxicity, single exposure</td>
</tr>
<tr>
<td>Category 1</td>
<td>Specific target organ toxicity, repeated exposure</td>
</tr>
</tbody>
</table>

Environmental hazards

Not classified.

WHMIS 2015 defined hazards

Not classified.

Label elements

Signal word: Danger

Hazard statement:

Causes skin irritation.
Causes serious eye damage.
May cause cancer.
May cause respiratory irritation.
Causes damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention

Do not handle until all safety precautions have been read and understood.
Wash thoroughly after handling.
Do not breathe dust.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/eye protection/face protection.

Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
IF exposed or concerned: Get medical advice/attention.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.
3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Metal Oxide #1</td>
<td>HMIRA 10745</td>
<td>HMIRA 10745</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Metal Oxide #2</td>
<td>HMIRA 10745</td>
<td>HMIRA 10745</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Metalloid Oxide #1</td>
<td>HMIRA 10745</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Metalloid Oxide #2</td>
<td>HMIRA 10745</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sulfonated alkyl condensate, sodium salt</td>
<td>HMIRA 10745</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments**: The filing date associated with this trade secret exemption is 2016-12-09

4. First Aid Measures

**Inhalation**: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**Skin contact**: IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label).

**Eye contact**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

**Ingestion**: Rinse mouth. Do not induce vomiting. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**: Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

**Indication of immediate medical attention and special treatment needed**: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes, skin and clothing. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Wear suitable protective clothing. Keep out of reach of children.

5. Fire Fighting Measures

**Suitable extinguishing media**: Water fog. Foam. Dry chemical powder. Carbon dioxide.

**Unsuitable extinguishing media**: Not available.

**Specific hazards arising from the chemical**: During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions**: In the event of fire, cool tanks with water spray.

**Specific methods**: Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**: No unusual fire or explosion hazards noted.

**Hazardous combustion products**: Not available.
6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**
Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**
Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. For waste disposal, see section 13 of the SDS.

**Environmental precautions**
Do not discharge into lakes, streams, ponds or public waters.

7. Handling and Storage

**Precautions for safe handling**
Avoid contact with eyes, skin and clothing.
Avoid breathing dusts from this material.
Wear appropriate personal protective equipment.
Avoid prolonged exposure.
Provide adequate ventilation.
Observe good industrial hygiene practices.
When using do not eat or drink.

**Conditions for safe storage, including any incompatibilities**
Keep container tightly closed.
Store away from incompatible materials (see Section 10 of the SDS).
Keep out of reach of children.

8. Exposure Controls/Personal Protection

**Occupational exposure limits**

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable particles.</td>
</tr>
</tbody>
</table>

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HMIRA 10745)</td>
<td>STEL</td>
<td>10 mg/m3</td>
<td>Fume.</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Metalloid Oxide #2 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>4 mg/m3</td>
<td>Total</td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>1.5 mg/m3</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HMIRA 10745)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>
### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #2 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

### Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>Metalloid Oxide #2 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td>Respirable dust.</td>
</tr>
</tbody>
</table>

### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HМИRA 10745)</td>
<td>PEL</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HМИRA 10745)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HМИRA 10745)</td>
<td>PEL</td>
<td>0.05 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

### US. OSHA Table Z-3 (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metalloid Oxide #1 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Metalloid Oxide #2 (CAS HМИRA 10745)</td>
<td>TWA</td>
<td>2.4 mppcf</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.8 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 mppcf</td>
<td></td>
</tr>
</tbody>
</table>

### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HМИРА 10745)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HМИРА 10745)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HМИРА 10745)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

### US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HМИРА 10745)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HМИРА 10745)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HМИРА 10745)</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>Metalloid Oxide #2 (CAS HМИРА 10745)</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**Biological limit values**: No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**: Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.

**Appropriate engineering controls**: Ensure adequate ventilation.

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

- **Eye/face protection**: Wear safety glasses with side shields (or goggles).
- **Skin protection**: Wear suitable gloves. Confirm with a reputable supplier first.
9. Physical and Chemical Properties

**Appearance**
Powder

**Physical state**
Solid.

**Form**
Solid.

**Color**
Red

**Odor**
Odorless

**Odor threshold**
Not applicable.

**pH**
4.8 (5% solution)

**Melting point/freezing point**
Not applicable.

**Initial boiling point and boiling range**
Not applicable.

**Pour point**
Not applicable.

**Specific gravity**
Not available.

**Partition coefficient (n-octanol/water)**
Not available.

**Flash point**
Not available.

**Evaporation rate**
Not applicable.

**Flammability (solid, gas)**
Not applicable.

**Upper/lower flammability or explosive limits**
- Flammability limit - lower (%)
  Not available.
- Flammability limit - upper (%)
  Not available.
- Explosive limit - lower (%)
  Not available.
- Explosive limit - upper (%)
  Not available.

**Vapor pressure**
Not applicable.

**Vapor density**
Not applicable.

**Relative density**
Not applicable.

**Solubility(ies)**
Not determined.

**Auto-ignition temperature**
Not applicable.

**Decomposition temperature**
Not applicable.

**Viscosity**
Not applicable.

**Other information**
- Flammability
  Not applicable.

10. Stability and Reactivity

**Reactivity**
May react with incompatible materials.

**Possibility of hazardous reactions**
Hazardous polymerization does not occur.

**Chemical stability**
Material is stable under normal conditions.

**Conditions to avoid**
Do not mix with other chemicals.

**Incompatible materials**
Oxidizers.

**Hazardous decomposition products**
No hazardous decomposition products are known.

11. Toxicological Information

**Routes of exposure**
Inhalation. Ingestion. Skin contact. Eye contact.

**Information on likely routes of exposure**
- **Ingestion**
  May cause stomach distress, nausea or vomiting.

  **Inhalation**
  Prolonged inhalation may be harmful.
### Skin contact
Causes skin irritation.

### Eye contact
Causes serious eye damage.

### Symptoms related to the physical, chemical and toxicological characteristics
Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Skin irritation. May cause redness and pain.

### Information on toxicological effects

#### Acute toxicity
May cause respiratory irritation.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Oxide #1 (CAS HMIRA 10745)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Inhalation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 10000 mg/kg</td>
</tr>
<tr>
<td>Metal Oxide #2 (CAS HMIRA 10745)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Inhalation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Metalloid Oxide #1 (CAS HMIRA 10745)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Dermal</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td><em>Inhalation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>500 mg/kg, HSDB, IV only</td>
</tr>
<tr>
<td>Metalloid Oxide #2 (CAS HMIRA 10745)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Dermal</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 5000 mg/kg, 24 Hours, ECHA</td>
</tr>
<tr>
<td><em>Inhalation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 58.8 mg/L, 4 Hours, ECHA</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>&gt; 15000 mg/kg, HSDB</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>&gt; 3160 mg/kg, ECHA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 22500 mg/kg, HSDB</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 10000 mg/kg, ECHA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 5000 mg/kg, ECHA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 3300 mg/kg, ECHA</td>
</tr>
</tbody>
</table>

### Skin corrosion/irritation
Causes skin irritation.

- **Exposure minutes**: Not available.
- **Erythema value**: Not available.
- **Oedema value**: Not available.
- **Serious eye damage/eye irritation**

- **Corneal opacity value**: Not available.
- **Iris lesion value**: Not available.
Conjunctival reddening value  Not available.
Conjunctival oedema value  Not available.
Recover days  Not available.

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant
Metal Oxide #2 (CAS HMIRA 10745)  Irritant

Respiratory sensitization  Not available.
Skin sensitization  This product is not expected to cause skin sensitization.

Mutagenicity  No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity  See below.

ACGIH Carcinogens
Metalloid Oxide #1 (CAS HMIRA 10745)  A2 Suspected human carcinogen.

Canada - Alberta OELs: Carcinogen category
Metalloid Oxide #1 (CAS HMIRA 10745)  Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity
IRON OXIDE (FE2O3), RESPIRABLE FRACTION (CAS HMIRA 10745)  Not classifiable as a human carcinogen.
SILICA, CRYSTALLINE-.ALPHA.-QUARTZ, RESPIRABLE FRACTION (CAS HMIRA 10745)  Suspected human carcinogen.

Canada - Quebec OELs: Carcinogen category
Metalloid Oxide #1 (CAS HMIRA 10745)  Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity
Metal Oxide #1 (CAS HMIRA 10745)  Volume 1, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.
Metalloid Oxide #1 (CAS HMIRA 10745)  Volume 68, Volume 100C 1 Carcinogenic to humans.
Metalloid Oxide #2 (CAS HMIRA 10745)  Volume 68 - 3 Not classifiable as to carcinogenicity to humans.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Metalloid Oxide #1 (CAS HMIRA 10745)  Known To Be Human Carcinogen.

US NTP Report on Carcinogens: Known carcinogen
Metalloid Oxide #1 (CAS HMIRA 10745)  Known To Be Human Carcinogen.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Reproductive toxicity  This product is not expected to cause reproductive or developmental effects.
Teratogenicity  Not available.
Specific target organ toxicity - single exposure  Respiratory tract irritation.
Specific target organ toxicity - repeated exposure  Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard  Not classified.
Chronic effects  Prolonged inhalation may be harmful.

12. Ecological Information

Ecotoxicity  See below
Persistence and degradability  No data is available on the degradability of this product.
Bioaccumulative potential  No data available.
Mobility in soil  No data available.
Mobility in general  Not available.
Other adverse effects  No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

Disposal instructions  Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations  Dispose in accordance with all applicable regulations.
Hazardous waste code  The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products  Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport Information

**Transport of Dangerous Goods (TDG) Proof of Classification**
In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue.

**Transportation of Dangerous Goods (TDG - Canada)**
Not regulated as dangerous goods.

### 15. Regulatory Information

**Canadian federal regulations**
This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

**Canada DSL Challenge Substances: Listed substance**
- Metalloid Oxide #1 (CAS HMIRA 10745) Listed.

**Export Control List (CEPA 1999, Schedule 3)**
- Not listed.

**Greenhouse Gases**
- Not listed.

**Precursor Control Regulations**
- Not regulated.

**WHMIS 2015 Exemptions**
- Controlled

**US federal regulations**
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
- Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**
- Not listed.

- Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**
- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**
- No

**SARA 311/312 Hazardous chemical**
- No

**SARA 313 (TRI reporting)**
- Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
- Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
- Not regulated.

**US state regulations**
See below

**US - California Hazardous Substances (Director's): Listed substance**
- Metal Oxide #1 (CAS HMIRA 10745) Listed.
- Metal Oxide #2 (CAS HMIRA 10745) Listed.
- Metalloid Oxide #2 (CAS HMIRA 10745) Listed.

**US - Minnesota Haz Subs: Listed substance**
- Metal Oxide #1 (CAS HMIRA 10745) Listed.
- Metal Oxide #2 (CAS HMIRA 10745) Listed.
- Metalloid Oxide #1 (CAS HMIRA 10745) Listed.
- Metalloid Oxide #2 (CAS HMIRA 10745) Listed.

**US - New Jersey RTK - Substances: Listed substance**
- Metal Oxide #1 (CAS HMIRA 10745)
- Metal Oxide #2 (CAS HMIRA 10745)
- Metalloid Oxide #1 (CAS HMIRA 10745)
- Metalloid Oxide #2 (CAS HMIRA 10745)
US - Texas Effects Screening Levels: Listed substance
Metal Oxide #1 (CAS HMIRA 10745) Listed.
Metal Oxide #2 (CAS HMIRA 10745) Listed.
Metalloid Oxide #1 (CAS HMIRA 10745) Listed.
Metalloid Oxide #2 (CAS HMIRA 10745) Listed.

US. Massachusetts RTK - Substance List
Metal Oxide #1 (CAS HMIRA 10745)
Metal Oxide #2 (CAS HMIRA 10745)
Metalloid Oxide #1 (CAS HMIRA 10745)
Metalloid Oxide #2 (CAS HMIRA 10745)

US. New Jersey Worker and Community Right-to-Know Act
Not regulated.

US. Pennsylvania Worker and Community Right-to-Know Law
Metal Oxide #1 (CAS HMIRA 10745)
Metal Oxide #2 (CAS HMIRA 10745)
Metalloid Oxide #1 (CAS HMIRA 10745)

US. Rhode Island RTK
Not regulated.

US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Metalloid Oxide #1 (CAS HMIRA 10745) Listed: October 1, 1988

Inventory status
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

<table>
<thead>
<tr>
<th>LEGEND</th>
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<tbody>
<tr>
<td><strong>HEALTH</strong></td>
</tr>
<tr>
<td><strong>FLAMMABILITY</strong></td>
</tr>
<tr>
<td><strong>PHYSICAL HAZARD</strong></td>
</tr>
<tr>
<td><strong>PERSONAL PROTECTION</strong></td>
</tr>
</tbody>
</table>

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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01

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30-May-2017

Prepared by
Dell Tech Laboratories, Ltd. Phone: (519) 858-5021

Other information
For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.