1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Wolf Trax Manganese 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

2. Hazards Identification

Physical hazards Not classified.
Health hazards
- Acute toxicity, oral Category 4
- Serious eye damage/eye irritation Category 2
- Specific target organ toxicity, repeated exposure Category 2

Environmental hazards Not classified.
WHMIS 2015 defined hazards Not classified

Signal word Warning
Hazard statement Harmful if swallowed.
Causes serious eye irritation.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention
- Do not eat, drink or smoke when using this product.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Wash thoroughly after handling.
- Wear eye/face protection.

Response
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Get medical advice/attention if you feel unwell.

Storage
Store away from incompatible materials.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC) None known

WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC) None known

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information
5% of the mixture consists of component(s) of unknown acute oral toxicity.
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</td>
<td>HMIRA 10768</td>
<td>HMIRA 10768</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Metal salt #1</td>
<td>HMIRA 10768</td>
<td>HMIRA 10768</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Metal salt #2</td>
<td>HMIRA 10768</td>
<td>HMIRA 10768</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sulfonated alkyl condensate, sodium salt</td>
<td>HMIRA 10768</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 symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Skin contact
Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Eye contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Most important symptoms/effects, acute and delayed
Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed
Symptoms may be delayed.

General information

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. Wear suitable protective clothing. Keep out of reach of children.

5. Fire Fighting Measures

Suitable extinguishing media

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 dust. Wear appropriate personal protective equipment. Provide adequate ventilation. Observe good industrial hygiene practices. Wash hands thoroughly after handling. When using, do not eat, drink or smoke.
## 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 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metal salt #2 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></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 (CAS HMIRA 10768)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metal salt #2 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></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 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Metal salt #2 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.02 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.02 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 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Metal salt #2 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></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 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Metal salt #2 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>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 (CAS HMIRA 10768)</td>
<td>PEL</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>Ceiling</td>
<td>5 mg/m³</td>
<td></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 salt #2 (CAS HMIRA 10768)</td>
<td>Ceiling</td>
<td>5 mg/m3</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 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.1 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Metal salt #2 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>0.1 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.02 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 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td>STEL</td>
<td>3 mg/m3</td>
<td>Fume.</td>
</tr>
<tr>
<td>Metal salt #2 (CAS HMIRA 10768)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>3 mg/m3</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Fume.</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.

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
Hand protection
Wear suitable gloves. Confirm with a reputable supplier first.

Other
As required by employer code.

Respiratory protection
A dust filtering mask is recommended. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Thermal hazards
Not applicable.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling. When using, do not eat, drink or smoke.

9. Physical and Chemical Properties

Appearance
Powder

Physical state
Solid.

Form
Solid.

Color
Light pink

Odor
Odorless

Odor threshold
Not applicable.

pH
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 applicable.

Flash point
Not applicable.

Evaporation rate
Not applicable.

Flammability (solid, gas)
Not applicable.
Upper/lower flammability or explosive limits

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability limit - lower (%)</td>
<td>Non-flammable.</td>
</tr>
<tr>
<td>Flammability limit - upper (%)</td>
<td>Non-flammable.</td>
</tr>
<tr>
<td>Explosive limit - lower (%)</td>
<td>Non-explosive.</td>
</tr>
<tr>
<td>Explosive limit - upper (%)</td>
<td>Non-explosive.</td>
</tr>
</tbody>
</table>

Vapor pressure Not applicable.
Vapor density Not applicable.
Relative density Not applicable.
Solubility(ies) Not available.
Auto-ignition temperature Not applicable.
Decomposition temperature Not applicable.
Viscosity Not applicable.
Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>Non-flammable.</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>This product may react with strong oxidizing agents.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Material is stable under normal conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>None when used and stored according to label directions.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>None when used and stored according to label directions.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>No hazardous decomposition products are known.</td>
</tr>
</tbody>
</table>

11. Toxicological Information

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Likely routes of exposure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Prolonged inhalation may be harmful.</td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause stomach distress, nausea or vomiting.</td>
<td></td>
</tr>
<tr>
<td>Skin contact</td>
<td>No adverse effects due to skin contact are expected.</td>
<td></td>
</tr>
<tr>
<td>Eye contact</td>
<td>Causes serious eye irritation.</td>
<td></td>
</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stinging, tearing, redness, swelling, and blurred vision</td>
<td></td>
</tr>
</tbody>
</table>

Information on toxicological effects

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Harmful if swallowed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal oxide (CAS HMIROA 10768)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</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 salt #1 (CAS HMIROA 10768)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</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>Mouse</td>
<td>2330 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>2150 mg/kg</td>
</tr>
</tbody>
</table>
## Components

| Metal salt #2 (CAS HMIRA 10768) |

<table>
<thead>
<tr>
<th><strong>Species</strong></th>
<th><strong>Test Results</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Guinea pig</td>
<td>400 - 810 mg/kg</td>
</tr>
<tr>
<td>Mouse</td>
<td>275 - 450 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td>250 - 275 mg/kg</td>
</tr>
</tbody>
</table>

### Skin corrosion/irritation
- Prolonged skin contact may cause temporary irritation.

### Exposure minutes
- Not available.

### Erythema value
- Not available.

### Oedema value
- Not available.

### Serious eye damage/eye irritation
- Causes serious 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
- Not available.

#### 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
- This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### Canada - Manitoba OELs: carcinogenicity
- **IRON OXIDE (Fe2O3), RESPIRABLE FRACTION (CAS HMIRA 10768)**
  - Not classifiable as a human carcinogen.

- **MANGANESE ELEMENTAL AND INORGANIC COMPOUNDS, AS MN, INHALABLE FRACTION (CAS HMIRA 10768)**
  - Not classifiable as a human carcinogen.

### IARC Monographs. Overall Evaluation of Carcinogenicity
- Volume 1, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.

### 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
- Not classified.

#### Specific target organ toxicity - repeated exposure
- May cause 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

### Ecotoxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal salt #1 (CAS HMIRA 10768)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Aquatic
- **Crustacea**
  - **EC50** Water flea (Daphnia magna) 7.09 - 9.36 mg/L, 48 hours

- **Fish**
  - **LC50** Fathead minnow (Pimephales promelas) 24.3 - 38.9 mg/L, 96 hours

- **Crustacea**
  - **EC50** Water flea (Daphnia magna) 4.7 mg/L, 48 hours

#### Persistence and degradability
- No data is available on the degradability of this product.

#### Bioaccumulative potential
- No data available.
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).

**Contaminated packaging**
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.

**U.S. Department of Transportation (DOT)**
- Not regulated as dangerous goods.

**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.

- **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)**
    - Metal salt #1 (CAS HMIRA 10768) Listed.
    - Metal salt #2 (CAS HMIRA 10768) 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)**
      - Chemical name | CAS number | % by wt.
      - Metal salt #1 | HMIRA 10768 | HMIRA 10768
      - Metal salt #2 | HMIRA 10768 | HMIRA 10768
  - **Other federal regulations**
    - **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
      - Metal salt #1 (CAS HMIRA 10768)
      - Metal salt #2 (CAS HMIRA 10768)
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 (CAS HMIRA 10768) Listed.
Metal salt #1 (CAS HMIRA 10768) Listed.
Metal salt #2 (CAS HMIRA 10768) Listed.

Metal salt #1 (CAS HMIRA 10768)
Metal salt #2 (CAS HMIRA 10768)

US - Louisiana Spill Reporting: Listed substance
Metal salt #1 (CAS HMIRA 10768) Listed.
Metal salt #2 (CAS HMIRA 10768)

US - Minnesota Haz Subs: Listed substance
Metal oxide (CAS HMIRA 10768) Listed.
Metal salt #1 (CAS HMIRA 10768) Listed.
Metal salt #2 (CAS HMIRA 10768) Listed.

US - New Jersey RTK - Substances: Listed substance
Metal oxide (CAS HMIRA 10768)
Metal salt #1 (CAS HMIRA 10768)
Metal salt #2 (CAS HMIRA 10768)

US - North Carolina Toxic Air Pollutants: Listed substance
Metal salt #1 (CAS HMIRA 10768)
Metal salt #2 (CAS HMIRA 10768)

US - Texas Effects Screening Levels: Listed substance
Metal oxide (CAS HMIRA 10768) Listed.

US - Massachusetts RTK - Substance List
Metal oxide (CAS HMIRA 10768)

US. New Jersey Worker and Community Right-to-Know Act
Metal salt #1 (CAS HMIRA 10768)
Metal salt #2 (CAS HMIRA 10768)

US. Pennsylvania Worker and Community Right-to-Know Law
Metal oxide (CAS HMIRA 10768)
Metal salt #1 (CAS HMIRA 10768)
Metal salt #2 (CAS HMIRA 10768)

US. Rhode Island RTK
Metal salt #1 (CAS HMIRA 10768)
Metal salt #2 (CAS HMIRA 10768)

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

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>
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</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>HEALTH</th>
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<tbody>
<tr>
<td>FLAMMABILITY</td>
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<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
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<tr>
<td>PERSONAL PROTECTION</td>
<td>X</td>
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</tbody>
</table>

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