1. Identification

Product identifier: Brandt Organics Hort Mix

Other means of identification:
- Product code: 24062
- Recommended use: Agricultural/ Horticultural Use- Micronutrient Fertilizer- Refer to product label.
- Recommended restrictions: Refer to product label.

Manufacturer/Importer/Supplier/Distributor information

<table>
<thead>
<tr>
<th>Company name</th>
<th>Brandt Consolidated, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>2935 South Koke Mill Road Springfield, IL 62711 United States</td>
</tr>
<tr>
<td>Telephone</td>
<td>Corporate Office 1-217-547-5800</td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.brandt.co">www.brandt.co</a> <a href="mailto:msds@brandt.co">msds@brandt.co</a></td>
</tr>
<tr>
<td>E-mail</td>
<td>United States</td>
</tr>
<tr>
<td>Contact person</td>
<td>EH&amp;S / Regulatory Department</td>
</tr>
<tr>
<td>Emergency phone number</td>
<td>CHEMTREC (24 hours): USA, Canada, Puerto Rico 1-800-424-9300 Virgin Islands 1-800-424-9300 International Maritime +1 (703) 527-3887</td>
</tr>
</tbody>
</table>

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards:
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2A
- Carcinogenicity: Category 1B
- Reproductive toxicity: Category 2
- Specific target organ toxicity, repeated exposure: Category 2

Environmental hazards: Hazardous to the aquatic environment, acute hazard Category 3

OSHA defined hazards: Not classified.

Label elements

- Signal word: Danger
- Hazard statement: Causes serious eye irritation. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
- Precautionary statement
  - Prevention: Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
  - Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.
  - Storage: Store locked up.
  - Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)  None known.

Supplemental information  None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>FERROUS SULFATE</td>
<td></td>
<td>7782-63-0</td>
<td>5 - &lt; 10</td>
</tr>
<tr>
<td>Disodium Octaborate Tetrahydrate</td>
<td></td>
<td>12008-41-2</td>
<td>1 - &lt; 3*</td>
</tr>
<tr>
<td>Manganese Sulfate, monohydrate</td>
<td></td>
<td>10034-96-5</td>
<td>1 - &lt; 3*</td>
</tr>
<tr>
<td>Zinc Sulfate</td>
<td></td>
<td>7733-02-0</td>
<td>1 - &lt; 3</td>
</tr>
<tr>
<td>Cobalt Sulfate, Monohydrate</td>
<td></td>
<td>10124-43-3</td>
<td>&lt; 0.1*</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td></td>
<td>80 - &lt; 90</td>
<td></td>
</tr>
</tbody>
</table>

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation  Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact  Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact  Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion  Rinse mouth. Get medical attention if symptoms occur.

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

Indication of immediate medical attention and special treatment needed  Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information  IF exposed or concerned: Get medical advice/attention. 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.

5. Fire-fighting measures

Suitable extinguishing media  Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media  Do not use water jet as an extinguisher, as this will spread the fire.

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  Move containers from fire area if you can do so without risk.

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

General fire hazards  No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures  Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. 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

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Pregnant or breastfeeding women must not handle this product. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

**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>
</tr>
</thead>
<tbody>
<tr>
<td>Manganese Sulfate, monohydrate (CAS 10034-96-5)</td>
<td>Ceiling</td>
<td>5 mg/m³</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>Cobalt Sulfate, Monohydrate (CAS 10124-43-3)</td>
<td>TWA</td>
<td>0.02 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Disodium Octaborate Tetrahydrate (CAS 12008-41-2)</td>
<td>STEL</td>
<td>6 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Manganese Sulfate, monohydrate (CAS 10034-96-5)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Inhalable 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>Manganese Sulfate, monohydrate (CAS 10034-96-5)</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**

<table>
<thead>
<tr>
<th>ACGIH Biological Exposure Indices</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt Sulfate, Monohydrate (CAS 10124-43-3)</td>
<td>15 µg/l</td>
<td>Cobalt</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Individual protection measures, such as personal protective equipment

- **Eye/face protection**: Chemical respirator with organic vapor cartridge and full facepiece.
- **Skin protection**
  - **Hand protection**: Wear appropriate chemical resistant gloves.
  - **Other**: Wear suitable protective clothing. Use of an impervious apron is recommended.
- **Respiratory protection**: Chemical respirator with organic vapor cartridge and full facepiece.
- **Thermal hazards**: Wear appropriate thermal protective clothing, when necessary.
- **General hygiene considerations**: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

- **Appearance**: Viscous. Liquid.
- **Physical state**: Liquid.
- **Form**: Liquid.
- **Color**: Dark brown.
- **Odor**: slight lignin
- **Odor threshold**: Not available.
- **pH**: 5.9 (typical)
- **Melting point/freezing point**: 1832 °F (1000 °C) estimated
- **Initial boiling point and boiling range**: Not available.
- **Flash point**: Not available.
- **Evaporation rate**: Not available.
- **Flammability (solid, gas)**: Noncombustible
- **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**: 0.00001 hPa estimated
- **Vapor density**: < 1
- **Relative density**: 1.15 g/cm³ (typical)
- **Solubility(ies)**
  - **Solubility (water)**: Not available.
- **Partition coefficient (n-octanol/water)**: Not available.
- **Auto-ignition temperature**: Not available.
- **Decomposition temperature**: Not available.
- **Viscosity**: Not available.
- **Other information**
  - **Density**: 2.67 g/cm³ estimated
  - **Percent volatile**: 76.1 % estimated
  - **pH in aqueous solution**: 5 - 7
  - **Pounds per gallon**: 9.6 lb/gal (typical)
  - **Specific gravity**: 2.67 estimated

10. Stability and reactivity

- **Reactivity**: The product is stable and non-reactive under normal conditions of use, storage and transport.
- **Chemical stability**: Material is stable under normal conditions.
Possibility of hazardous reactions

- Hazardous polymerization does not occur.

Conditions to avoid

- Contact with incompatible materials.

Incompatible materials

- Strong oxidizing agents.

Hazardous decomposition products

- No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

- **Inhalation**: Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure by inhalation.

- **Skin contact**: No adverse effects due to skin contact are expected.

- **Eye contact**: Causes serious eye irritation.

- **Ingestion**: Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

- Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Severe eye irritation.

Information on toxicological effects

**Acute toxicity**

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brandt Organics Hort Mix</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>19300 mg/l, 4 hours estimated</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD100</td>
<td>Mouse</td>
<td>21034 mg/kg estimated</td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>16527 mg/kg estimated</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>85755 mg/kg estimated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt Sulfate, Monohydrate (CAS 10124-43-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>584 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>1800 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>424 mg/kg</td>
</tr>
</tbody>
</table>

| Disodium Octaborate Tetrahydrate (CAS 12008-41-2) |         |                                       |
| **Acute**                                      |         |                                       |
| **Dermal**                                     |         |                                       |
| LD50                                          | Rabbit  | > 2000 mg/kg                          |
| **Oral**                                       |         |                                       |
| LD50                                          | Guinea pig | 5300 mg/kg      |
|                                              | Rat     | 2550 mg/kg                          |
|                                              |         | 2 g/kg                              |

| Manganese Sulfate, monohydrate (CAS 10034-96-5) |         |                                       |
| **Acute**                                      |         |                                       |
| **Oral**                                       |         |                                       |
| LD100                                         | Mouse   | 305 mg/kg                             |

| Zinc Sulfate (CAS 7733-02-0)                    |         |                                       |
| **Acute**                                      |         |                                       |
| **Dermal**                                     |         |                                       |
| LD50                                          | Rat     | > 2000 mg/kg                          |
### Test Results

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>LD50</td>
<td>Rat</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

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

**Serious eye damage/eye irritation**
- Causes serious eye irritation.

**Respiratory or skin sensitization**
- Respiratory sensitization: Not available.
- Skin sensitization: This product is not expected to cause skin sensitization.
- Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Carcinogenicity: May cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
- Not listed.

- Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**
- Cobalt Sulfate, Monohydrate (CAS 10124-43-3) Reasonably Anticipated to be a Human Carcinogen.

**Reproductive toxicity**
- Suspected of damaging fertility or the unborn child.

**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 available.

**Chronic effects**
- Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.

### 12. Ecological information

**Ecotoxicity**
- Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brandt Organics Hort Mix</td>
<td><strong>Aquatic</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Crustacea</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td><strong>Components</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Species</strong></td>
<td>Test Results</td>
</tr>
<tr>
<td>Cobalt Sulfate, Monohydrate (CAS 10124-43-3)</td>
<td><strong>Aquatic</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>Disodium Octaborate Tetrahydrate (CAS 12008-41-2)</td>
<td><strong>Aquatic</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Crustacea</td>
<td>LC50</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>Manganese Sulfate, monohydrate (CAS 10034-96-5)</td>
<td><strong>Aquatic</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Crustacea</td>
<td>EC50</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
</tr>
</tbody>
</table>
Components Test Results

Species

Zinc Sulfate (CAS 7733-02-0)

Aquatic

<table>
<thead>
<tr>
<th>Species</th>
<th>EC50</th>
<th>LC50</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algae</td>
<td></td>
<td>5 mg/l, 24 hours</td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td></td>
<td>15.1 - 24.5 mg/l, 96 hours</td>
<td></td>
</tr>
<tr>
<td>Rotifer (Philodina acuticornis)</td>
<td>0.5 mg/l, 48 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish (Lepidocephalichthyes guntea)</td>
<td>76 - 118.8 mg/l, 24 hours</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

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

**Bioaccumulative potential**
Not available.

**Mobility in soil**
No data 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**
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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**
Dispose of in accordance with local regulations. 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

**DOT**
Not regulated as dangerous goods.

**IATA**
Not regulated as dangerous goods.

**IMDG**
Not regulated as dangerous goods.

15. Regulatory information

**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)**
- Cobalt Sulfate, Monohydrate (CAS 10124-43-3) Listed.
- FEROUS SULFATE (CAS 7782-63-0) Listed.
- Manganese Sulfate, monohydrate (CAS 10034-96-5) Listed.
- Zinc Sulfate (CAS 7733-02-0) Listed.

**SARA 304 Emergency release notification**
Not regulated.

Not regulated.
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
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manganese Sulfate, monohydrate</td>
<td>10034-96-5</td>
<td>1 - &lt; 3</td>
</tr>
<tr>
<td>Zinc Sulfate</td>
<td>7733-02-0</td>
<td>1 - &lt; 3</td>
</tr>
</tbody>
</table>

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
- Cobalt Sulfate, Monohydrate (CAS 10124-43-3)
- Manganese Sulfate, monohydrate (CAS 10034-96-5)

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

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)
Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
- Cobalt Sulfate, Monohydrate (CAS 10124-43-3)

US. Massachusetts RTK - Substance List
- FERROUS SULFATE (CAS 7782-63-0)
- Zinc Sulfate (CAS 7733-02-0)

US. New Jersey Worker and Community Right-to-Know Act
- Cobalt Sulfate, Monohydrate (CAS 10124-43-3)
- Disodium Octaborate Tetrahydrate (CAS 12008-41-2)
- Manganese Sulfate, monohydrate (CAS 10034-96-5)
- Zinc Sulfate (CAS 7733-02-0)

US. Pennsylvania Worker and Community Right-to-Know Law
- FERROUS SULFATE (CAS 7782-63-0)
- Zinc Sulfate (CAS 7733-02-0)

US. Rhode Island RTK
- Cobalt Sulfate, Monohydrate (CAS 10124-43-3)
- FERROUS SULFATE (CAS 7782-63-0)
- Manganese Sulfate, monohydrate (CAS 10034-96-5)
- Zinc Sulfate (CAS 7733-02-0)

US. California Proposition 65
WARNING: This product can expose you to chemicals including arsenic, cadmium, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
- Cobalt Sulfate, Monohydrate (CAS 10124-43-3) Listed: May 20, 2005

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

* A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

**Issue date**: 02-15-2018  
**Version #**: 01

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of Manufacturer’s knowledge, information and belief at the date of its publication; however, it is provided only as a guidance for safe handling, use, processing, storage, transportation, disposal and release of the Product. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made with respect to the Product or the information provided herein, or that the Product or information herein may be used without infringing the intellectual property rights of others. The information provided in this Safety Data Sheet relates only to the specific Product designated and may not be valid if the Product is used in combination with other materials or in any other process, unless specified herein. The user assumes all risk and liability for loss, injury, damage or expense due to any use, handling, storage or disposal of the Product, and Manufacturer recommends that the user conducts its own tests of the Product to determine suitability of the Product for user’s particular use.

**Revision information**

Hazard(s) identification: Hazard statement  
Hazard(s) identification: Prevention  
Hazard(s) identification: Response  
Hazard(s) identification: Storage  
Hazard(s) identification: Supplemental information  
Regulatory information: California Prop 65