SAFETY DATA SHEET

1. Identification

Product identifier: THOR AZS-PT PLUS

Other means of identification:
- Brand Code: 0108
- Synonyms: THOR AZS-PT ADTECH

Recommended use: For Industrial Use Only

Recommended restrictions: Avoid dry cutting, blasting, or dust generation.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer
- Company name: HarbisonWalker International
- Address: 1305 Cherrington Parkway, Suite 100
  Moon Township
  Pennsylvania
  15108
  US
- Telephone: General Phone: 412-375-6600
- Website: www.thinkHWI.com

Supplier
- Not available.

2. Hazard identification

Physical hazards: Not classified.

Health hazards:
- Carcinogenicity: Category 1A
- Specific target organ toxicity, repeated exposure: Category 1

Environmental hazards: Not classified.

Label elements

Signal word: Danger

Hazard statement: May cause cancer. Causes damage to organs through prolonged or repeated exposure.

Precautionary statement
- Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
- Response: IF exposed or concerned: Get medical advice/attention.
- Storage: Store locked up.
- Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards: None known.

Supplemental information:
Users should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Overexposure to the respirable dust of crystalline silica (quartz or cristobalite, less than or equal to 5 microns in size) may lead to silicosis in humans, which is a progressive and irreversible lung disease. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

3. Composition/information on ingredients

Mixtures

Material name: THOR AZS-PT PLUS
0108  Version #: 01  Issue date: 10-14-2021
SDS CANADA  1 / 9
Crystalline silica may be present at low concentrations; most of this is encapsulated in the coarse aggregate or as part of the clays or sands.

### 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**
Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion**
Prolonged exposure may cause chronic effects.

Most important symptoms/effects, acute and delayed:
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. If you feel unwell, seek medical advice (show the label where possible).

### 5. Fire-fighting measures

**Suitable extinguishing media**
Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media**
Not available.

**Specific hazards arising from the chemical**
Not applicable.

**Special protective equipment and precautions for firefighters**
Not available.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**
Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

**Environmental precautions**
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. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**
Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
8. Exposure controls/personal protection

Occupational exposure limits

**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>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Kyanite (CAS 1302-76-7)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Mullite (CAS 1302-93-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>ZIRCONIUM COMPOUNDS (CAS 1314-23-4)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
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<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable particles.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
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<td>10 mg/m³</td>
<td></td>
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<td>STEL</td>
<td>10 mg/m³</td>
<td></td>
</tr>
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</table>

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

<table>
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<tr>
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<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
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</tr>
<tr>
<td>Kyanite (CAS 1302-76-7)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Mullite (CAS 1302-93-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>TWA</td>
<td>4 mg/m³</td>
<td>Total fume.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)</td>
<td>TWA</td>
<td>4 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>TWA</td>
<td>1.5 mg/m³</td>
<td>Respirable fume.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>ZIRCONIUM COMPOUNDS (CAS 1314-23-4)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

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

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<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
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<td>Titanium Dioxide (CAS 13463-67-7)</td>
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<td>STEL</td>
<td>10 mg/m³</td>
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</tr>
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<td></td>
<td>TWA</td>
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### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

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<td>Mullite (CAS 1302-93-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
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### Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

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<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>TWA</td>
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<td>Total dust.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable dust and/or fume.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
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<td>ZIRCONIUM COMPOUNDS (CAS 1314-23-4)</td>
<td>STEL</td>
<td>10 mg/m³</td>
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<td>TWA</td>
<td>5 mg/m³</td>
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### Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

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<tbody>
<tr>
<td>ALPHA-ALUMINA (CAS 1344-28-1)</td>
<td>15 minute</td>
<td>20 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>10 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td>Kyanite (CAS 1302-76-7)</td>
<td>15 minute</td>
<td>20 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>10 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td>Mullite (CAS 1302-93-8)</td>
<td>15 minute</td>
<td>20 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>10 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS, FUMED (CAS 69012-64-2)</td>
<td>8 hour</td>
<td>2 mg/m³</td>
<td>Respirable fraction and fume.</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)</td>
<td>8 hour</td>
<td>0.05 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium Dioxide (CAS 13463-67-7)</td>
<td>15 minute</td>
<td>20 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
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Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

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<tr>
<td>ZIRCONIUM COMPOUNDS (CAS 1314-23-4)</td>
<td>15 minute</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

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

**Exposure guidelines**
Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Zirconium silicates (zircon sands) contain trace amounts (106-120 pCi/g) of naturally occurring radioactive uranium and thorium. Overexposure by inhalation to respirable dust containing uranium and thorium may cause lung cancer. Eye contact with the dust may cause eye irritation.

Measurements made by Dupont during the use of a similar mineral sand indicated the observance of the 5 mg/m³ OSHA PEL for respirable dust and/or the PEL for quartz ensures the user is below the exposure limits established for uranium and thorium. No LD50 or LC50 can be found for zircon sand.

**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.

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

**Eye/face protection**
If contact is likely, safety glasses with side shields are recommended.

**Skin protection**

**Hand protection**
Wear appropriate chemical resistant gloves.

**Other**
Use of an impervious apron is recommended.

**Respiratory protection**
Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

**Thermal hazards**
Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**
Observe any medical surveillance requirements. 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**

**Physical state**
Solid.

**Form**
Solid.

**Color**
Not available.

**Odor**
Not available.

**Odor threshold**
Not available.

**pH**
Not available.

**Melting point/freezing point**
Not available.

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

**Flash point**
Not available.

**Evaporation rate**
Not available.

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

**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 available.
Vapor density Not available.
Relative density Not available.
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
  Explosive properties Not explosive.
  Oxidizing properties Not oxidizing.

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 No dangerous reaction known under conditions of normal use.
Conditions to avoid Contact with incompatible materials.
Incompatible materials Acids. Powerful oxidizers. Chlorine. Fluorine. Incompatibility is based strictly upon potential theoretical reactions between chemicals and may not be specific to industrial application exposure.
Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological information
Information on likely routes of exposure
  Inhalation Prolonged inhalation may be harmful.
  Skin contact No adverse effects due to skin contact are expected.
  Eye contact Direct contact with eyes may cause temporary irritation.
  Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics
Direct contact with eyes may cause temporary irritation.

Information on toxicological effects
Acute toxicity Not known.
Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization
  Canada - Alberta OELs: Irritant
  Titanium Dioxide (CAS 13463-67-7) Irritant
Respiratory sensitization Not a respiratory sensitizer.
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

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. May cause cancer. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

ACGIH Carcinogens

ALPHA-ALUMINA (CAS 1344-28-1) A4 Not classifiable as a human carcinogen.
Kyanite (CAS 1302-76-7) A4 Not classifiable as a human carcinogen.
Mullite (CAS 1302-93-8) A4 Not classifiable as a human carcinogen.
SILICA, CRISTALLINE, QUARTZ (CAS 14808-60-7) A2 Suspected human carcinogen.
Titanium Dioxide (CAS 13463-67-7) A4 Not classifiable as a human carcinogen.
ZIRCONIUM COMPOUNDS (CAS 1314-23-4) A4 Not classifiable as a human carcinogen.

Canada - Alberta OELs: Carcinogen category
SILICA, CRISTALLINE, QUARTZ (CAS 14808-60-7) Suspected human carcinogen.

Canada - Manitoba OELs: Carcinogenicity
ALPHA-ALUMINA (CAS 1344-28-1) Not classifiable as a human carcinogen.
Kyanite (CAS 1302-76-7) Not classifiable as a human carcinogen.
Mullite (CAS 1302-93-8) Not classifiable as a human carcinogen.
SILICA, CRISTALLINE, QUARTZ (CAS 14808-60-7) Not classifiable as a human carcinogen.
Titanium Dioxide (CAS 13463-67-7) Not classifiable as a human carcinogen.
ZIRCONIUM COMPOUNDS (CAS 1314-23-4) Not classifiable as a human carcinogen.

Canada - Quebec OELs: Carcinogen category
SILICA, CRISTALLINE, QUARTZ (CAS 14808-60-7) Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity
SILICA, AMORPHOUS, FUMED (CAS 69012-64-2) 3 Not classifiable as to carcinogenicity to humans.
SILICA, AMORPHOUS, FUMED (CAS 7631-86-9) 3 Not classifiable as to carcinogenicity to humans.
SILICA, CRISTALLINE, QUARTZ (CAS 14808-60-7) 1 Carcinogenic to humans.
Titanium Dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens
SILICA, CRISTALLINE, QUARTZ (CAS 14808-60-7) Known To Be Human Carcinogen.

Reproductive toxicity

Developmental effects
SILICA, CRISTALLINE, QUARTZ 0

Developmental effects - EU category
SILICA, CRISTALLINE, QUARTZ 0

Embryotoxicity
SILICA, CRISTALLINE, QUARTZ 0

Reproductivity
SILICA, CRISTALLINE, QUARTZ 0

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - repeated exposure
Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard
Not an aspiration hazard.

Chronic effects
Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability
No data is available on the degradability of any ingredients in the mixture.
Bioaccumulative potential: No data 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: This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
Hazardous waste code: Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

Waste from residues / unused products: Not available.
Contaminated packaging: Not available.

14. Transport information
TDG: Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. Regulatory information
Canadian 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.
Controlled Drugs and Substances Act: Not regulated.
Greenhouse Gases: Not listed.
Precursor Control Regulations: Not regulated.
International regulations
Stockholm Convention: Not applicable.
Rotterdam Convention: Not applicable.
Kyoto protocol: Not applicable.
Montreal Protocol: Not applicable.
Basel Convention: Not applicable.
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>Yes</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>Yes</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>No</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</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

Issue date: 10-14-2021  
Version #: 01  
Disclaimer: This information is based on our present knowledge on creation date. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Revision information: Product and Company Identification: Product Codes