SAFETY DATA SHEET

1. Identification

Product identifier: Silicon Bronze Alloy

Other means of identification

SDS number: 11
Product code: C64200, C65100, C65500, C66100, C69400, C87300, C87400, C87500, C87600, C87850

Recommended use: Manufacturing

Manufacturer / Importer / Supplier / Distributor information

Address: 131 Myoma Road (PO Box 816) Mars, PA 16046
Telephone: 1-800-626-7071
E-mail: dpl@concast.com or adk@concast.com
Contact person: Dominic LeMaire or Andy Krowsoski
Emergency phone number: 1-800-424-9300

Company name: Concast Metal Products Company

2. Hazard(s) identification

Physical hazards: Not classified.
Health hazards: Reproductive toxicity Category 1A
OSHA hazard(s): Not classified.

Label elements

Hazard symbol

Signal word: Danger
Hazard statement: May damage fertility or the unborn child. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Response: If exposed or concerned: Get medical 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): Not classified.

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

3. Composition/information on ingredients

Mixture

Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td></td>
<td>7440-50-8</td>
<td>74-94</td>
</tr>
<tr>
<td>Zinc</td>
<td></td>
<td>7440-66-6</td>
<td>0.2 - 16</td>
</tr>
<tr>
<td>Aluminum</td>
<td></td>
<td>7429-90-5</td>
<td>0-7.6</td>
</tr>
<tr>
<td>Silicon</td>
<td></td>
<td>7440-21-3</td>
<td>1.5-5.5</td>
</tr>
</tbody>
</table>

Concast Metal Products Company

131 Myoma Road (PO Box 816) Mars, PA 16046
1-800-626-7071
dpl@concast.com or adk@concast.com
Dominic LeMaire or Andy Krowsoski
1-800-424-9300
Chemtrec (24-hrs)

Company name

Concast Metal Products Company
### Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manganese</td>
<td>7439-96-5</td>
<td>0-1.5</td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>0-0.8</td>
<td></td>
</tr>
</tbody>
</table>

**Composition comments**

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The alloy contains additional alloying elements at concentrations below disclosure requirements. At temperatures above the melting point the alloys may liberate fumes containing oxides of alloying elements.

### 4. First-aid measures

**Inhalation**

In case of exposure to fumes or particulates: Move to fresh air. Get medical attention if discomfort persists.

**Skin contact**

Contact with dust: Wash skin with soap and water. In case of contact with hot or molten product, cool rapidly with water and seek immediate medical attention. Do not attempt to remove molten product from skin because skin will tear easily. Cuts or abrasions should be treated promptly with thorough cleansing of the affected area.

**Eye contact**

Do not rub eyes. Remove any contact lenses. Flush eyes thoroughly with water, taking care to rinse under eyelids. If irritation persists, continue flushing for 15 minutes, rinsing from time to time under eyelids. If discomfort continues, consult a physician.

**Ingestion**

Rinse mouth thoroughly if dust is ingested. Only induce vomiting at the instruction of medical personnel. Get medical attention if any discomfort continues.

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

May cause irritation to mucous membranes. May cause skin and eye irritation. Cough. Shortness of breath. Wheezing. The principal symptoms of lead poisoning are gastro-intestinal or central nervous system disturbances and anemia.

**Indication of immediate medical attention and special treatment needed**

Treat symptomatically. Symptoms may be delayed.

**General information**

Get medical attention if any discomfort develops. Seek medical attention for all burns, regardless how minor they may seem. Show this safety data sheet to the doctor in attendance.

### 5. Fire-fighting measures

**Suitable extinguishing media**

Special powder against metal fires. Dry sand.

**Unsuitable extinguishing media**

Do not use water or halogenated extinguishing media. Do not use water on molten metal: Explosion hazard could result.

**Specific hazards arising from the chemical**

Solid metal is not flammable; however, finely divided metallic dust or powder may form an explosive mixture with air. 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. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

**Fire-fighting equipment/instructions**

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

**Specific methods**

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

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

**Methods and materials for containment and cleaning up**

Allow spilled material to solidify and scrape up with shovels into a suitable container for recycle or disposal. If not possible, gently moisten dust before it is collected with shovel, broom or the like. Collect dust using a vacuum cleaner equipped with HEPA filter. The vacuum cleaner should be explosion-proofed. Avoid dust formation. This material and its container must be disposed of as hazardous waste.

**Environmental precautions**

Avoid release to the environment. Do not contaminate water.
7. Handling and storage

Precautions for safe handling

Follow special national provisions related to work with lead and its compounds. Pregnant women should not work with the product, if there is the least risk of lead exposure. Welding, burning, sawing, brazing, grinding or machining operations may generate fumes and dusts of metal oxides. Provide adequate ventilation. Avoid contact with sharp edges and hot surfaces. Avoid inhalation of dust and contact with skin and eyes. Avoid generation and spreading of dust and fumes. Avoid contact with hot or molten material. Dust clouds may be explosive under certain conditions. Take precautionary measures against static discharges when there is a risk of dust explosion. Use explosion-proof electrical equipment if airborne dust levels are high. To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system. Wear appropriate personal protective equipment. Do not use water on molten metal. Do not eat, drink or smoke when using the product. Keep the workplace clean. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep dry. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (CAS 7439-92-1)</td>
<td>TWA</td>
<td>0.05 mg/m³</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>Aluminum (CAS 7429-90-5)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>Copper (CAS 7440-50-8)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Manganese (CAS 7439-96-5)</td>
<td>Ceiling</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Silicon (CAS 7440-21-3)</td>
<td>PEL</td>
<td>0.1 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Tin (CAS 7440-31-5)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 mg/m³</td>
<td>Total dust.</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>Aluminum (CAS 7429-90-5)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Copper (CAS 7440-50-8)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Dust and mist.</td>
</tr>
<tr>
<td>Lead (CAS 7439-92-1)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Manganese (CAS 7439-96-5)</td>
<td>TWA</td>
<td>0.05 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Tin (CAS 7440-31-5)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></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>Aluminum (CAS 7429-90-5)</td>
<td>REL</td>
<td>5 mg/m³</td>
<td>Welding fume or pyrophoric powder.</td>
</tr>
<tr>
<td>Copper (CAS 7440-50-8)</td>
<td>REL</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Lead (CAS 7439-92-1)</td>
<td>REL</td>
<td>10 mg/m³</td>
<td>Total.</td>
</tr>
<tr>
<td>Manganese (CAS 7439-96-5)</td>
<td>REL</td>
<td>1 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Silicon (CAS 7440-21-3)</td>
<td>STEL</td>
<td>3 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Tin (CAS 7440-31-5)</td>
<td>REL</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
<td>Total</td>
</tr>
</tbody>
</table>

Biological limit values

US. ACGIH. BEIs. Biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (CAS 7439-92-1)</td>
<td>300 µg/l</td>
<td>Lead</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.
Exposure guidelines
Follow standard monitoring procedures.

Appropriate engineering controls
Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust. Ventilate as needed to control airborne dust. Use explosion-proof ventilation equipment if airborne dust levels are high. Special ventilation should be used to convey finely divided metallic dust generated by grinding, sawing etc., in order to eliminate explosion hazards. Follow the schedule for work place measurements when working with lead and its compounds.

Individual protection measures, such as personal protective equipment

**Eye/face protection**
Wear dust-resistant safety goggles where there is danger of eye contact. In addition to safety glasses or goggles, a welding helmet with appropriate shaded shield is required during welding, burning, or brazing. A face shield is recommended, in addition to safety glasses or goggles, during sawing, grinding, or machining.

**Skin protection**

- **Hand protection**
  Wear suitable protective gloves to prevent cuts and abrasions. When material is heated, wear gloves to protect against thermal burns. Suitable gloves can be recommended by the glove supplier.

**Other**
Wear suitable protective clothing.

**Respiratory protection**
When engineering controls are not sufficient to lower exposure levels below the applicable exposure limit, use a NIOSH approved respirator for dusts. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. Seek advice from local supervisor.

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

**General hygiene considerations**
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. Contaminated uniforms should be laundered separately from other clothing to prevent potential cross-contamination. If possible, an industrial laundry service should be used to eliminate the possibility of contaminating the home environment. Handle in accordance with good industrial hygiene and safety practices. Observe any medical surveillance requirements.

9. Physical and chemical properties

**Appearance**
Shapes, Solids, Tubes & Turnings.

- **Physical state**
  Solid.
- **Form**
  Shapes, Solids, Tubes & Turnings.
- **Color**
  Yellow.
- **Odor**
  None.
- **Odor threshold**
  Not available.
- **pH**
  Not available.
- **Melting point/freezing point**
  1680.8 °F (916 °C)
- **Initial boiling point and boiling range**
  Not available.
- **Flash point**
  Not available.
- **Evaporation rate**
  Not available.
- **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 available.

- **Vapor density**
  Not available.
- **Relative density**
  8.3
- **Solubility(ies)**
  Insoluble in water.
- **Partition coefficient (n-octanol/water)**
  Not available.
- **Auto-ignition temperature**
  Not available.
- **Decomposition temperature**
  Not available.
- **Viscosity**
  Not available.
10. Stability and reactivity

Reactivity
Stable at normal conditions.

Chemical stability
Massive metal is stable and non reactive under normal conditions of use, storage and transport.

Possibility of hazardous reactions
Hazardous polymerization does not occur. Contact with acids will release flammable hydrogen gas. Hot molten material will react violently with water resulting in spattering and fuming.

Conditions to avoid
Contact with incompatible materials. Contact with acids will release flammable hydrogen gas. Avoid dust formation. Dust clouds may be explosive under certain conditions.

Incompatible materials

Hazardous decomposition products
Welding, burning, sawing, brazing, grinding or machining operations may generate dusts and fumes of metal oxides. Lead oxide fumes may be formed at elevated temperatures.

11. Toxicological information

Information on likely routes of exposure

Ingestion
Not relevant, due to the form of the product. However, ingestion of dusts generated during working operations may cause nausea and vomiting.

Inhalation
May cause respiratory tract irritation. Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the mucous membranes and respiratory tract.

Skin contact
May cause skin irritation. Hot or molten material may produce thermal burns.

Eye contact
May cause eye irritation. Molten material will produce thermal burns.

Symptoms related to the physical, chemical and toxicological characteristics
May cause irritation to mucous membranes. May cause skin and eye irritation. Coughing. Shortness of breath. Wheezing. The principal symptoms of lead poisoning are gastro-intestinal or central nervous system disturbances and anemia.

Information on toxicological effects

Acute toxicity
May cause eye, skin and respiratory tract irritation. Dusts may irritate the respiratory tract, skin and eyes. High concentrations of freshly formed fumes/dusts of metal oxides can produce symptoms of metal fume fever.

Components

<table>
<thead>
<tr>
<th>Silicon (CAS 7440-21-3)</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Oral LD50</td>
<td>Rat</td>
<td>3150 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the eye, mucous membranes and respiratory tract. Hot or molten material may produce thermal burns.

Serious eye damage/eye irritation
Dust from machining operation in the eyes may cause irritation.

Respiratory sensitization
No data available.

Skin sensitization
Not a skin sensitizer.

Germ cell mutagenicity
No data available.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity
Lead (CAS 7439-92-1) 2B Possibly carcinogenic to humans.

Reproductive toxicity
May damage fertility or the unborn child. Contains a substance/a group of substances which may cause harm to the unborn child.

Specific target organ toxicity - single exposure
No data available.

Specific target organ toxicity - repeated exposure
Not available.

Aspiration hazard
Not applicable.

Chronic effects
Danger of cumulative effects. Prolonged and repeated overexposure to dust and fumes can lead to benign pneumoconiosis (stannosis). Chronic inhalation of metallic oxide dust/fume may cause metal fume fever. Lead may produce maternal toxicity, toxicity to the fetus, and adverse effects to blood, bone marrow, central/peripheral nervous systems, kidney, liver, and reproductive system.
Further information

Lead is accumulated in the body and may cause damage to the brain and nervous system after prolonged exposure. Welding or plasma arc cutting of metal and alloys can generate ozone, nitric oxides and ultraviolet radiation. Ozone overexposure may result in mucous membrane irritation or pulmonary discomfort. UV radiation can cause skin erythema and welders flash.

12. Ecological information

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (CAS 7439-92-1)</td>
<td>LC50 Rainbow trout, donaldson trout (Oncorhynhus mykiss)</td>
<td>1.17 mg/l, 96 Hours</td>
</tr>
</tbody>
</table>

Persistence and degradability

The product is not biodegradable.

Bioaccumulative potential

The product contains potentially bioaccumulating substances.

Mobility in soil

Alloys in massive forms are not mobile in the environment.

Mobility in general

Alloys in massive forms are not mobile in the environment.

Other adverse effects

Harmful to aquatic life with long lasting effects.

13. Disposal considerations

Disposal instructions

This material and its container must be disposed of as hazardous waste. Dispose in accordance with all applicable regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

Z110: Inorganic compounds n.o.s.

Waste from residues / unused products

Recover and recycle, if practical. Solid metal and alloys in the form of particles may be reactive. Its hazardous characteristics, including fire and explosion, should be determined prior to disposal.

Contaminated packaging

Not applicable.

14. Transport information

DOT

Not regulated as a hazardous material by DOT.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

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.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Lead (CAS 7439-92-1) 29 CFR 1910.1025

CERCLA Hazardous Substance List (40 CFR 302.4)

Copper (CAS 7440-50-8) LISTED

Lead (CAS 7439-92-1) LISTED

Manganese (CAS 7439-96-5) LISTED

Zinc (CAS 7440-66-6) 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

Yes
Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Lead (CAS 7439-92-1)
Manganese (CAS 7439-96-5)
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.
Safe Drinking Water Act (SDWA)
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Not listed.
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Not regulated.
DEA Exempt Chemical Mixtures Code Number
Not regulated.
Food and Drug Administration (FDA)

US state regulations
WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List
Aluminum (CAS 7429-90-5)
Copper (CAS 7440-50-8)
Lead (CAS 7439-92-1)
Manganese (CAS 7439-96-5)
Silicon (CAS 7440-21-3)
Tin (CAS 7440-31-5)
Zinc (CAS 7440-66-6)

US. New Jersey Worker and Community Right-to-Know Act
Aluminum (CAS 7429-90-5)  500 LBS
Copper (CAS 7440-50-8)  500 LBS
Lead (CAS 7439-92-1)  500 LBS
Manganese (CAS 7439-96-5)  500 LBS
Zinc (CAS 7440-66-6)  500 LBS

US. Pennsylvania RTK - Hazardous Substances
Aluminum (CAS 7429-90-5)
Copper (CAS 7440-50-8)
Lead (CAS 7439-92-1)
Manganese (CAS 7439-96-5)
Silicon (CAS 7440-21-3)
Tin (CAS 7440-31-5)
Zinc (CAS 7440-66-6)

US. Rhode Island RTK
Aluminum (CAS 7429-90-5)
Copper (CAS 7440-50-8)
Lead (CAS 7439-92-1)
Manganese (CAS 7439-96-5)
Silicon (CAS 7440-21-3)
Tin (CAS 7440-31-5)
Zinc (CAS 7440-66-6)

US. California Proposition 65
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Lead (CAS 7439-92-1)

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>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</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>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
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<tr>
<td>-------------------------</td>
<td>------------------------------------------------------------</td>
<td>------------------------</td>
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<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
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<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
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<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>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)*

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

<table>
<thead>
<tr>
<th>Issue date</th>
<th>Revision date</th>
<th>Version #</th>
<th>Further information</th>
<th>References</th>
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<tbody>
<tr>
<td>10-13-2012</td>
<td>-</td>
<td>01</td>
<td>Not available.</td>
<td>HSDB® - Hazardous Substances Data Bank</td>
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<td></td>
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<td>IARC Monographs. Overall Evaluation of Carcinogenicity</td>
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<td></td>
<td>National Toxicology Program (NTP) Report on Carcinogens</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices</td>
</tr>
</tbody>
</table>

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