

## 1. Identification

|                                                               |                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product identifier</b>                                     | <b>Oatey Leaded Solder (Acid or Rosin Core Wire)</b>                                                                                                                                                                                                                                                                      |
| <b>Other means of identification</b>                          |                                                                                                                                                                                                                                                                                                                           |
| <b>SDS number</b>                                             | 1602E                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                                               | 50/50 Wire Solder, 50/50 Acid Core Wire Solder, 50/50 Bar Solder                                                                                                                                                                                                                                                          |
|                                                               | Part Numbers: 50192, 20015, 20019, 53010, 53182, 53014, 53191, 50490, 21018, 21305, 20307, 21212, 29033, 50194, 53023, 53012, 53184, 53185, 53016, 53193, 50678, 20116, 21115, 29032, 50193, 50429, 53011, 53015, 53183, 53192, 53196, 48300, 48301, 48302, 48304, 48305, 48306, 48310, 48315, 48316, 48317, 50193, 50194 |
| <b>Recommended use</b>                                        | Joining Copper tubing and sheeting in non-potable water applications.                                                                                                                                                                                                                                                     |
| <b>Recommended restrictions</b>                               | None known.                                                                                                                                                                                                                                                                                                               |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |                                                                                                                                                                                                                                                                                                                           |
| <b>Company Name</b>                                           | Oatey Co.                                                                                                                                                                                                                                                                                                                 |
| <b>Address</b>                                                | 4700 West 160th St.<br>Cleveland, OH 44135                                                                                                                                                                                                                                                                                |
| <b>Telephone</b>                                              | 216-267-7100                                                                                                                                                                                                                                                                                                              |
| <b>E-mail</b>                                                 | info@oatey.com                                                                                                                                                                                                                                                                                                            |
| <b>Transport Emergency</b>                                    | Chemtrec 1-800-424-9300 (Outside the US 1-703-527-3887)                                                                                                                                                                                                                                                                   |
| <b>Emergency First Aid</b>                                    | 1-877-740-5015                                                                                                                                                                                                                                                                                                            |
| <b>Contact person</b>                                         | MSDS Coordinator                                                                                                                                                                                                                                                                                                          |

## 2. Hazard(s) identification

|                              |                                                        |                                   |
|------------------------------|--------------------------------------------------------|-----------------------------------|
| <b>Physical hazards</b>      | Not classified.                                        |                                   |
| <b>Health hazards</b>        | Carcinogenicity                                        | Category 2                        |
|                              | Reproductive toxicity (fertility, the unborn child)    | Category 1A                       |
|                              | Specific target organ toxicity, single exposure        | Category 3 narcotic effects       |
|                              | Specific target organ toxicity, repeated exposure      | Category 1 (Brain, Liver, Kidney) |
|                              | Health hazards not otherwise classified                | Category 1                        |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 1                        |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 1                        |

### Label elements



|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Signal word</b>      | Danger                                                                                                                                                                                                                                                                                                             |
| <b>Hazard statement</b> | May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. Causes damage to organs (Brain, Liver, Kidney) through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Presents a health hazard which is not otherwise classified. |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary statement</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Prevention</b>               | 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. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| <b>Response</b>                 | Collect spillage. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell.                                                                                                                                                                                                                |
| <b>Storage</b>                  | Store in a well-ventilated place. Keep container tightly closed. Store locked up.                                                                                                                                                                                                                                                                                                                                  |
| <b>Disposal</b>                 | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                                                                                                                                                                                                                                                                                |
| <b>Other hazards</b>            | Inhalation of fumes may cause a flu-like illness called metal fume fever.                                                                                                                                                                                                                                                                                                                                          |
| <b>Supplemental information</b> | None.                                                                                                                                                                                                                                                                                                                                                                                                              |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name | CAS number | %     |
|---------------|------------|-------|
| Lead          | 7439-92-1  | 50-60 |
| Tin           | 7440-31-5  | 40-50 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret. All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                                                                         |
| <b>Skin contact</b>                                                           | Rinse skin with water/shower. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                  |
| <b>Eye contact</b>                                                            | Rinse with water. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                              |
| <b>Ingestion</b>                                                              | Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.                                                                                                                                                                                                         |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Abdominal pain. Diarrhea. Edema. Jaundice. Prolonged exposure may cause chronic effects.                                                                                                                                                  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                                                                                                                                                    |
| <b>General information</b>                                                    | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). 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

|                                                                      |                                                                                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Dry sand. Carbon dioxide (CO2).                         |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.                                         |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>                                              | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>                                          | No unusual fire or explosion hazards noted.                                                   |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | 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. 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**

This product is miscible in water. Prevent product from entering drains. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. 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. Provide adequate ventilation. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. 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. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits****US. ACGIH Threshold Limit Values**

| Components           | Type | Value                  |
|----------------------|------|------------------------|
| Lead (CAS 7439-92-1) | TWA  | 0.05 mg/m <sup>3</sup> |
| Tin (CAS 7440-31-5)  | TWA  | 2 mg/m <sup>3</sup>    |

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

| Components           | Type | Value                  |
|----------------------|------|------------------------|
| Lead (CAS 7439-92-1) | TWA  | 0.05 mg/m <sup>3</sup> |
| Tin (CAS 7440-31-5)  | TWA  | 2 mg/m <sup>3</sup>    |

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

| Components           | Type | Value                  |
|----------------------|------|------------------------|
| Lead (CAS 7439-92-1) | TWA  | 0.05 mg/m <sup>3</sup> |
| Tin (CAS 7440-31-5)  | TWA  | 2 mg/m <sup>3</sup>    |

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

| Components           | Type | Value                  |
|----------------------|------|------------------------|
| Lead (CAS 7439-92-1) | TWA  | 0.05 mg/m <sup>3</sup> |
| Tin (CAS 7440-31-5)  | TWA  | 2 mg/m <sup>3</sup>    |

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

| Components           | Type | Value                  |
|----------------------|------|------------------------|
| Lead (CAS 7439-92-1) | TWA  | 0.05 mg/m <sup>3</sup> |
| Tin (CAS 7440-31-5)  | TWA  | 2 mg/m <sup>3</sup>    |

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

| Components           | Type | Value                  |
|----------------------|------|------------------------|
| Lead (CAS 7439-92-1) | TWA  | 0.05 mg/m <sup>3</sup> |
| Tin (CAS 7440-31-5)  | TWA  | 2 mg/m <sup>3</sup>    |

**Biological limit values****ACGIH Biological Exposure Indices**

| Components           | Value    | Determinant | Specimen | Sampling Time |
|----------------------|----------|-------------|----------|---------------|
| Lead (CAS 7439-92-1) | 300 µg/l | Lead        | Blood    | *             |

\* - 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.

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

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>            | Wear safety glasses with side shields (or goggles).                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Skin protection</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Hand protection</b>                | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.                                                                                                                                                                                                                                                                                                                                       |
| <b>Other</b>                          | Wear suitable protective clothing.                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Respiratory protection</b>         | In case of insufficient ventilation, wear suitable respiratory equipment.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Thermal hazards</b>                | Wear appropriate thermal protective clothing, when necessary.                                                                                                                                                                                                                                                                                                                                                                               |
| <b>General hygiene considerations</b> | 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. 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**

|                                                     |                                   |
|-----------------------------------------------------|-----------------------------------|
| <b>Appearance</b>                                   | Wire or Bar.                      |
| <b>Physical state</b>                               | Solid.                            |
| <b>Form</b>                                         | Solid.                            |
| <b>Color</b>                                        | Silver.                           |
| <b>Odor</b>                                         | Not available.                    |
| <b>Odor threshold</b>                               | Not available.                    |
| <b>pH</b>                                           | Not available.                    |
| <b>Melting point/freezing point</b>                 | 360 - 460 °F (182.22 - 237.78 °C) |
| <b>Initial boiling point and boiling range</b>      | Not available.                    |
| <b>Flash point</b>                                  | Not available.                    |
| <b>Evaporation rate</b>                             | Not available.                    |
| <b>Flammability (solid, gas)</b>                    | Not available.                    |
| <b>Upper/lower flammability or explosive limits</b> |                                   |
| <b>Flammability limit - lower (%)</b>               | Not available.                    |
| <b>Flammability limit - upper (%)</b>               | Not available.                    |
| <b>Explosive limit - lower (%)</b>                  | Not available.                    |
| <b>Explosive limit - upper (%)</b>                  | Not available.                    |
| <b>Vapor pressure</b>                               | Not available.                    |
| <b>Vapor density</b>                                | Not available.                    |
| <b>Relative density</b>                             | 9 - 11                            |
| <b>Solubility(ies)</b>                              |                                   |
| <b>Solubility (water)</b>                           | Not Soluble                       |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                    |
| <b>Auto-ignition temperature</b>                    | Not available.                    |
| <b>Decomposition temperature</b>                    | Not available.                    |
| <b>Viscosity</b>                                    | Not available.                    |
| <b>Other information</b>                            |                                   |
| <b>Explosive properties</b>                         | Not explosive.                    |
| <b>Oxidizing properties</b>                         | Not oxidizing.                    |
| <b>VOC (Weight %)</b>                               | 0                                 |

**10. Stability and reactivity**

|                           |                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------|
| <b>Reactivity</b>         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b> | Material is stable under normal conditions. Material is stable under normal conditions.       |

|                                           |                                                             |
|-------------------------------------------|-------------------------------------------------------------|
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use. |
| <b>Conditions to avoid</b>                | Contact with incompatible materials.                        |
| <b>Incompatible materials</b>             | Acids. Strong oxidizing agents. Chlorine.                   |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.              |

## 11. Toxicological information

### Information on likely routes of exposure

|                                                                                     |                                                                                                            |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                                   | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.       |
| <b>Skin contact</b>                                                                 | No adverse effects due to skin contact are expected.                                                       |
| <b>Eye contact</b>                                                                  | Direct contact with eyes may cause temporary irritation.                                                   |
| <b>Ingestion</b>                                                                    | Expected to be a low ingestion hazard.                                                                     |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Abdominal pain. Diarrhea. Edema. Jaundice. |

### Information on toxicological effects

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>Acute toxicity</b>                    | Narcotic effects.                                        |
| <b>Skin corrosion/irritation</b>         | Prolonged skin contact may cause temporary irritation.   |
| <b>Serious eye damage/eye irritation</b> | Direct contact with eyes may cause temporary irritation. |

### Respiratory or skin sensitization

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| <b>Respiratory sensitization</b> | Not a respiratory sensitizer.                             |
| <b>Skin sensitization</b>        | This product is not expected to cause skin sensitization. |

|                               |                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Germ cell mutagenicity</b> | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
|-------------------------------|------------------------------------------------------------------------------------------------------------------|

|                        |                              |
|------------------------|------------------------------|
| <b>Carcinogenicity</b> | Suspected of causing cancer. |
|------------------------|------------------------------|

#### ACGIH Carcinogens

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Lead (CAS 7439-92-1) | A3 Confirmed animal carcinogen with unknown relevance to humans. |
|----------------------|------------------------------------------------------------------|

#### Canada - Manitoba OELs: carcinogenicity

|                                                     |                                                               |
|-----------------------------------------------------|---------------------------------------------------------------|
| LEAD AND INORGANIC COMPOUNDS, AS PB (CAS 7439-92-1) | Confirmed animal carcinogen with unknown relevance to humans. |
|-----------------------------------------------------|---------------------------------------------------------------|

#### Canada - Quebec OELs: Carcinogen category

|                      |                                          |
|----------------------|------------------------------------------|
| Lead (CAS 7439-92-1) | Detected carcinogenic effect in animals. |
|----------------------|------------------------------------------|

#### IARC Monographs. Overall Evaluation of Carcinogenicity

|                      |                                     |
|----------------------|-------------------------------------|
| Lead (CAS 7439-92-1) | 2B Possibly carcinogenic to humans. |
|----------------------|-------------------------------------|

|                                                           |                                                                                                                                                    |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reproductive toxicity</b>                              | May damage fertility. May damage the unborn child.                                                                                                 |
| <b>Specific target organ toxicity - single exposure</b>   | May cause drowsiness and dizziness.                                                                                                                |
| <b>Specific target organ toxicity - repeated exposure</b> | Causes damage to organs (Brain, Liver, Kidney) through prolonged or repeated exposure.                                                             |
| <b>Aspiration hazard</b>                                  | Not an aspiration hazard.                                                                                                                          |
| <b>Chronic effects</b>                                    | Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. |

## 12. Ecological information

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| <b>Ecotoxicity</b> | Very toxic to aquatic life with long lasting effects. |
|--------------------|-------------------------------------------------------|

| Components                                                                   | Species                                                                                                                                                                                                                                                                                                                                  |                                                        | Test Results        |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------|
| Lead (CAS 7439-92-1)                                                         |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| Aquatic                                                                      |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| Fish                                                                         | LC50                                                                                                                                                                                                                                                                                                                                     | Rainbow trout,donaldson trout<br>(Oncorhynchus mykiss) | 1.17 mg/l, 96 Hours |
| * 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                                                    | 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                                                        | 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                                                       | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                                                                               |                                                        |                     |
| 14. Transport information                                                    |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| TDG                                                                          |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| UN number                                                                    | UN3077                                                                                                                                                                                                                                                                                                                                   |                                                        |                     |
| UN proper shipping name                                                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead)                                                                                                                                                                                                                                                                                |                                                        |                     |
| Transport hazard class(es)                                                   |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| Class                                                                        | 9                                                                                                                                                                                                                                                                                                                                        |                                                        |                     |
| Subsidiary risk                                                              | -                                                                                                                                                                                                                                                                                                                                        |                                                        |                     |
| Packing group                                                                | III                                                                                                                                                                                                                                                                                                                                      |                                                        |                     |
| Environmental hazards                                                        | D                                                                                                                                                                                                                                                                                                                                        |                                                        |                     |
| Special precautions for user                                                 | Read safety instructions, SDS and emergency procedures before handling.                                                                                                                                                                                                                                                                  |                                                        |                     |
| IATA                                                                         |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| UN number                                                                    | UN3077                                                                                                                                                                                                                                                                                                                                   |                                                        |                     |
| UN proper shipping name                                                      | Environmentally hazardous substance, solid, n.o.s. (Lead)                                                                                                                                                                                                                                                                                |                                                        |                     |
| Transport hazard class(es)                                                   |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| Class                                                                        | 9                                                                                                                                                                                                                                                                                                                                        |                                                        |                     |
| Subsidiary risk                                                              | -                                                                                                                                                                                                                                                                                                                                        |                                                        |                     |
| Packing group                                                                | III                                                                                                                                                                                                                                                                                                                                      |                                                        |                     |
| Environmental hazards                                                        | No.                                                                                                                                                                                                                                                                                                                                      |                                                        |                     |
| ERG Code                                                                     | 9L                                                                                                                                                                                                                                                                                                                                       |                                                        |                     |
| Special precautions for user                                                 | Read safety instructions, SDS and emergency procedures before handling.                                                                                                                                                                                                                                                                  |                                                        |                     |
| IMDG                                                                         |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| UN number                                                                    | UN3077                                                                                                                                                                                                                                                                                                                                   |                                                        |                     |
| UN proper shipping name                                                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead)                                                                                                                                                                                                                                                                                |                                                        |                     |
| Transport hazard class(es)                                                   |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| Class                                                                        | 9                                                                                                                                                                                                                                                                                                                                        |                                                        |                     |
| Subsidiary risk                                                              | -                                                                                                                                                                                                                                                                                                                                        |                                                        |                     |
| Packing group                                                                | III                                                                                                                                                                                                                                                                                                                                      |                                                        |                     |
| Environmental hazards                                                        |                                                                                                                                                                                                                                                                                                                                          |                                                        |                     |
| Marine pollutant                                                             | No.                                                                                                                                                                                                                                                                                                                                      |                                                        |                     |
| EmS                                                                          | F-A, S-F                                                                                                                                                                                                                                                                                                                                 |                                                        |                     |
| Special precautions for user                                                 | Read safety instructions, SDS and emergency procedures before handling.                                                                                                                                                                                                                                                                  |                                                        |                     |

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.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**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**

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

\*A "Yes" indicates this product complies 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-December-2015

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