1. Identification

Product identifier  ZRC Galvilite Galvanizing Repair Compound

Other means of identification

Product number  20012 - 20014

Recommended use  Corrosion protection of iron and steel.

Recommended restrictions  None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier/Manufacturer  ZRC Worldwide

Address  145 Enterprise Drive, Marshfield, MA 02050

Telephone  781-319-0400

Emergency telephone (CHEMTREC)  703-527-3887 CCN15781

Email  info@zrcworldwide.com

2. Hazard identification

Physical hazards  Flammable liquids  Category 3

Health hazards  Skin corrosion/irritation  Category 2

Carcinogenicity  Category 2

Specific target organ toxicity following repeated exposure  Category 1 (central nervous system)

Environmental hazards  Hazardous to the aquatic environment, acute hazard  Category 1

Hazardous to the aquatic environment, long-term hazard  Category 1

Label elements

Signal word  Danger

Hazard statement  Flammable liquid and vapour. Causes skin irritation. Suspected of causing cancer. Causes damage to organs (central nervous system) through prolonged or repeated exposure. Very toxic 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe mist/vapours. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response  IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF exposed or concerned: Get medical advice/attention. In case of fire: Use water fog, foam, dry chemical powder, dry sand, carbon dioxide to extinguish. Collect spillage.

Storage  Store in a well-ventilated place. Keep cool. Store locked up.

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

Other hazards  None known.

Supplemental information  None.
3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc</td>
<td></td>
<td>7440-66-6</td>
<td>65 - 85</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliph.</td>
<td></td>
<td>64742-88-7</td>
<td>3 - 7</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td></td>
<td>64742-47-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td></td>
<td>1314-13-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td></td>
<td>100-41-4</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Nonane</td>
<td></td>
<td>111-84-2</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

Composition comments

The exact concentrations of the above listed chemicals are being withheld as a trade secret. All concentrations are in percent by weight unless otherwise indicated. Components not listed are either non-health-hazardous or are below reportable limits.

4. First-aid measures

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

**Skin contact**
Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

**Ingestion**
Narcosis. Behavioural changes. Decrease in motor functions. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Most important symptoms/effects, acute and delayed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

**General information**
Take off all contaminated clothing immediately. 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. Wash contaminated clothing before reuse.

5. Fire-fighting measures

**Suitable extinguishing media**

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

**Specific hazards arising from the chemical**
Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out.

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

**General fire hazards**
Flammable liquid and vapour.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

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.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapours. Avoid contact with eyes, skin, and clothing. 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. Avoid release to the environment. Observe good industrial hygiene practices.

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see section 10 of the SDS).

**7. Handling and storage**

**Precautions for safe handling**

**Conditions for safe storage, including any incompatibilities**

**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>Ethylbenzene (CAS 100-41-4)</td>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>Non-aerosol.</td>
</tr>
<tr>
<td>Zinc oxide (CAS 1314-13-2)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylbenzene (CAS 100-41-4)</td>
<td>STEL</td>
<td>543 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>125 ppm</td>
<td></td>
</tr>
<tr>
<td>Zinc oxide (CAS 1314-13-2)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
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<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light (CAS 64742-47-8)</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>Non-aerosol.</td>
</tr>
<tr>
<td>Components</td>
<td>Type</td>
<td>Value</td>
<td>Form</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
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<td></td>
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</tr>
<tr>
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<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

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<th>Type</th>
<th>Value</th>
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</thead>
<tbody>
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<td>Ethylbenzene (CAS 100-41-4)</td>
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<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>Non-aerosol.</td>
</tr>
<tr>
<td>Zinc oxide (CAS 1314-13-2)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light (CAS 64742-47-8)</td>
<td>TWA</td>
<td>525 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Ethylbenzene (CAS 100-41-4)</td>
<td>TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)</td>
<td>TWA</td>
<td>200 mg/m³</td>
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</tr>
<tr>
<td>Zinc oxide (CAS 1314-13-2)</td>
<td>STEL</td>
<td>10 mg/m³</td>
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</tr>
<tr>
<td></td>
<td>TWA</td>
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</tr>
</tbody>
</table>

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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>125 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>434 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)</td>
<td>TWA</td>
<td>1590 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>400 ppm</td>
<td>Fume.</td>
</tr>
<tr>
<td>Zinc oxide (CAS 1314-13-2)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylbenzene (CAS 100-41-4)</td>
<td>15 minute</td>
<td>125 ppm</td>
<td>Respirable fraction and dust or fume.</td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>Zinc oxide (CAS 1314-13-2)</td>
<td>15 minute</td>
<td>10 mg/m³</td>
<td>Respirable fraction and dust or fume.</td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>2 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>
### Biological limit values

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylenbenzene (CAS 100-41-4)</td>
<td>0.15 g/g</td>
<td>Sum of mandelic acid and phenylglyoxylic acid</td>
<td>Creatinine in urine</td>
<td>*</td>
</tr>
</tbody>
</table>

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

### Exposure guidelines

**Canada - Alberta OELs: Skin designation**
- Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)
  - Can be absorbed through the skin.

**Canada - British Columbia OELs: Skin designation**
- Distillates (petroleum), hydrotreated light (CAS 64742-47-8)
  - Can be absorbed through the skin.
- Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)
  - Can be absorbed through the skin.

**Canada - Manitoba OELs: Skin designation**
- Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)
  - Can be absorbed through the skin.

**Canada - Ontario OELs: Skin designation**
- Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)
  - Can be absorbed through the skin.

**Canada - Saskatchewan OELs: Skin designation**
- Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)
  - Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**
- Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)
  - Can be absorbed through the skin.

### Appropriate engineering controls
- Explosion-proof general and local exhaust ventilation. Good general ventilation 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. Provide easy access to water supply or an emergency shower.

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

**Eye/face protection**
- Wear safety glasses with side shields (or goggles). Wear face shield if there is risk of splashes.

**Skin protection**
- **Hand protection**
  - Wear appropriate chemical resistant gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Nitrile or neoprene gloves are recommended. Other suitable gloves can be recommended by the glove supplier.

**Other**
- Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection**
- If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Check with respiratory protective equipment suppliers.

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

### General hygiene considerations
- Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. Physical and chemical properties

**Appearance**
- **Physical state**
  - Liquid.
- **Form**
  - Liquid.
- **Colour**
  - Grey.
- **Odour**
  - Hydrocarbon.

**Odour threshold**
- Not available.
pH  Not available.
Melting point/freezing point  Not available.
Initial boiling point and boiling range  144 - 207 °C (291.2 - 404.6 °F)
Flash point  44.0 °C (111.2 °F) Setaflash
Evaporation rate  < 1 (n-Butyl acetate=1)
Flammability (solid, gas)  Not available.
Upper/lower flammability or explosive limits
  Flammability limit - lower (%)  0.9 %
  Flammability limit - upper (%)  7 %
Vapour pressure  Not available.
Vapour density  > 1 (Air=1) (25°C / 77°F)
Relative density  2.88 (H2O=1) (25°C / 77°F)
Solubility(ies)
  Solubility (water)  Slightly soluble in water.
Partition coefficient (n-octanol/water)  Not available.
Auto-ignition temperature  Not available.
Decomposition temperature  Not available.
Viscosity  1800 mPa·s (25°C / 77°F)
Other information
  Bulk density  24 lb/gal
  Explosive properties  Not explosive.
  Oxidising properties  Not oxidising.
  VOC  385 g/l (3.3 lb/gal)

10. Stability and reactivity
Reactivity  The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability  Material is stable under normal conditions.
Possibility of hazardous reactions  Hazardous polymerisation does not occur.
Conditions to avoid  Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Protect against direct sunlight. Contact with incompatible materials.
Incompatible materials  Strong oxidising agents.
Hazardous decomposition products  Decomposition is not expected under normal conditions of use and storage. Fire or high temperatures create: Carbon oxides. Fumes of metal oxides.

11. Toxicological information
Information on likely routes of exposure
  Inhalation  Prolonged inhalation may be harmful.
  Skin contact  Causes skin irritation.
  Eye contact  Direct contact with eyes may cause temporary irritation.
  Ingestion  May cause discomfort if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics
  Narcosis. Behavioural changes. Decrease in motor functions. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
Information on toxicological effects
  Acute toxicity  Not expected to be acutely toxic.
Components | Species | Test Results
--- | --- | ---
**Ethylbenzene (CAS 100-41-4)**
*Acute*
**Dermal**
LD50 Rabbit 15400 mg/kg

**Inhalation**
LC50 Rat 17.4 mg/l, 4 hours

**Oral**
LD50 Rat 3500 - 4700 mg/kg

Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7)
*Acute*
**Dermal**
LD50 Rabbit > 2000 mg/kg

**Oral**
LD50 Rat > 5000 mg/kg

**Zinc (CAS 7440-66-6)**
*Acute*
**Oral**
LD50 Mouse > 5 g/kg

**Skin corrosion/irritation**
Causes skin irritation.

**Serious eye damage/eye irritation**
Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitisation**
Not a respiratory sensitisier.

**Respiratory sensitisation**
Not classified. However: The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.

**Skin sensitisation**
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Germ cell mutagenicity**
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**
Suspected of causing cancer.

**ACGIH Carcinogens**
Ethylbenzene (CAS 100-41-4) A3 Confirmed animal carcinogen with unknown relevance to humans.
Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7) A3 Confirmed animal carcinogen with unknown relevance to humans.

**Canada - Manitoba OELs: carcinogenicity**
Ethylbenzene (CAS 100-41-4) Confirmed animal carcinogen with unknown relevance to humans.
Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7) Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
Ethylbenzene (CAS 100-41-4) 2B Possibly carcinogenic to humans.
Solvent naphtha (petroleum), medium aliph. (CAS 64742-88-7) 3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity**
This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**
Not classified.

**Specific target organ toxicity - repeated exposure**
Causes damage to organs (central nervous system) through prolonged or repeated exposure.

**Aspiration hazard**
Not an aspiration hazard.

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

**Further information**
Symptoms may be delayed.

**12. Ecological information**
**Ecotoxicity**
Very toxic to aquatic life with long lasting effects.
<table>
<thead>
<tr>
<th>Components Test Results</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Distillates (petroleum), hydrotreated light (CAS 64742-47-8)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
</tr>
<tr>
<td><strong>Ethylbenzene (CAS 100-41-4)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
</tr>
<tr>
<td>Chronic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Ceriodaphnia dubia</td>
</tr>
<tr>
<td><strong>Zinc (CAS 7440-66-6)</strong></td>
<td></td>
<td></td>
</tr>
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<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
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<td>Daphnia magna</td>
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<tr>
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<td>LC50</td>
<td>Oncorhynchus mykiss</td>
</tr>
<tr>
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<td></td>
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</table>

**Persistence and degradability**

The product contains inorganic compounds which are not biodegradable.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylbenzene (CAS 100-41-4)</td>
<td>3.15</td>
</tr>
</tbody>
</table>

**Mobility in soil**

The product is slightly soluble in water. Expected to be slightly to moderately mobile in soil.

**Other adverse effects**

The product contains volatile organic compounds which have a photochemical ozone creation potential.

### 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.

**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**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1263</td>
<td>Paint</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class</th>
<th>Subsidiary risk</th>
<th>Packing group</th>
<th>Environmental hazards</th>
<th>Special precautions for user</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>-</td>
<td>III</td>
<td>Yes</td>
<td>Read safety instructions, SDS and emergency procedures before handling.</td>
</tr>
</tbody>
</table>

**IATA**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1263</td>
<td>Paint</td>
</tr>
</tbody>
</table>
Transport hazard class(es)

Class 3
Subsidiary risk -
Label(s) 3
Packing group III
Environmental hazards Yes

Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1263
UN proper shipping name Paint
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group III
Environmental hazards Marine pollutant Yes
EmS F-E, S-E
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.

Ethylbenzene (CAS 100-41-4)
Zinc (CAS 7440-66-6)
Zinc oxide (CAS 1314-13-2)

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
Zinc (CAS 7440-66-6)

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>No</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>
</tbody>
</table>
Country(s) or region | Inventory name                                                                 | On inventory (yes/no) *
--- | --- | ---
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) | No
Taiwan | Taiwan Chemical Substance Inventory (TCSI) | 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** | 31-May-2017
**Revision date** | 28-February-2020
**Version No.** | 02

**Disclaimer**
This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.