



# SAFETY DATA SHEET

## 1. Identification

|   |   |  |  |
|---|---|--|--|
| <b>Product identifier</b>                                     | <b>Evapo-Rust® Heavy-Duty Rust Remover - 946 mL</b>             |  |  |
| <b>Other means of identification</b>                          |   |  |  |
| <b>Product Code</b>   | No. ER070 (Item# 1752826)                                       |  |  |
| <b>Recommended use</b>  | Rust removal  |  |  |
| <b>Recommended restrictions</b>                               | None known.   |  |  |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |  |  |
| <b>Manufactured or sold by:</b>                               |   |  |  |
| <b>Company name</b>   | CRC Canada Co.  |  |  |
| <b>Address</b>  | 83 Galaxy Blvd<br>Unit 35 - 37<br>Toronto, ON M9W 5X6<br>Canada |  |  |
| <b>Telephone</b>  |   |  |  |
| <b>General Information</b>                                    | 416-847-7750  |  |  |
| <b>24-Hour Emergency (CHEMTREC)</b>                           | 800-424-9300 (Canada)   |  |  |
| <b>Website</b>  | evapo-rust.com  |  |  |
| <b>E-mail</b>   | Support.CA@crcindustries.com                                    |  |  |

## 2. Hazard identification

|                              |                                   |             |
|------------------------------|-----------------------------------|-------------|
| <b>Physical hazards</b>      | Not classified.                   |             |
| <b>Health hazards</b>        | Skin corrosion/irritation         | Category 2  |
|                              | Serious eye damage/eye irritation | Category 2B |
| <b>Environmental hazards</b> | Not classified.                   |             |
| <b>Label elements</b>        |                                   |             |



|                                 |   |  |
|---------------------------------|---|--|
| <b>Signal word</b>              | Warning   |  |
| <b>Hazard statement</b>         | Causes skin irritation. Causes eye irritation.  |  |
| <b>Precautionary statement</b>  |   |  |
| <b>Prevention</b>               | Wash thoroughly after handling. Wear protective gloves.   |  |
| <b>Response</b>                 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |  |
| <b>Storage</b>                  | Store away from incompatible materials.   |  |
| <b>Disposal</b>                 | Dispose of waste and residues in accordance with local authority requirements.  |  |
| <b>Supplemental information</b> | None.   |  |
| <b>Other hazards</b>            | None known.   |  |

## 3. Composition/information on ingredients

### Mixtures

| <b>Chemical name</b> | <b>Common name and synonyms</b> | <b>CAS number</b> | <b>%</b> |
|----------------------|---------------------------------|-------------------|----------|
| water                |                                 | 7732-18-5         | 80 - 100 |

| Chemical name         | Common name and synonyms | CAS number   | %       |
|-----------------------|--------------------------|--------------|---------|
| phosphonic acid salt* |                          | Proprietary* | 10 - 30 |

\* HMIRA exemption filed 2022-10-13, registration number 03489223.

The exact percentage (concentration) of composition has been withheld as a trade secret.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

|   |   |
|---|---|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.   |
| <b>Skin contact</b>   | Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.                                 |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| <b>Ingestion</b>  | Rinse mouth. Get medical attention if symptoms occur.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain.   |
| <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>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.  |

#### 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| <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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
| <b>Methods and materials for containment and cleaning up</b>               | This product is miscible in water.<br><br>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| <b>Environmental precautions</b>   | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.  |

#### 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. For product usage instructions, see the product label. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).  |

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## 8. Exposure controls/personal protection

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| <b>Occupational exposure limits</b>  | No exposure limits noted for ingredient(s).  |
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).   |
| <b>Appropriate engineering controls</b>                                      | 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. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower. |
| <b>Individual protection measures, such as personal protective equipment</b> |  |
| <b>Eye/face protection</b>   | Wear safety glasses with side shields (or goggles).  |
| <b>Skin protection</b>   |  |
| <b>Hand protection</b>   | Wear protective gloves such as: Nitrile. Neoprene.   |
| <b>Other</b>   | Wear appropriate chemical resistant clothing.  |
| <b>Respiratory protection</b>  | No personal respiratory protective equipment normally required. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.  |
| <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.  |

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## 9. Physical and chemical properties

|   |                             |
|---|-----------------------------|
| <b>Appearance</b>                                   |                             |
| <b>Physical state</b>                               | Liquid.                     |
| <b>Form</b>   | Liquid.                     |
| <b>Color</b>  | Colorless to light yellow.  |
| <b>Odor</b>   | Slight.                     |
| <b>Odor threshold</b>                               | Not available.              |
| <b>pH</b>   | 5.9                         |
| <b>Melting point/freezing point</b>                 | Not available.              |
| <b>Initial boiling point and boiling range</b>      | 211.9 °F (100 °C) estimated |
| <b>Flash point</b>                                  | None.                       |
| <b>Evaporation rate</b>                             | Moderate.                   |
| <b>Flammability (solid, gas)</b>                    | Not available.              |
| <b>Upper/lower flammability or explosive limits</b> |                             |
| <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>                             | 1.04                        |
| <b>Solubility(ies)</b>                              |                             |
| <b>Solubility (water)</b>                           | Completely 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>Percent volatile</b>                             | 86.1 % estimated            |

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## 10. Stability and reactivity

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

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|---|--|
| <b>Chemical stability</b>                 | 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>                | Heat, flames and sparks. Contact with incompatible materials.      |
| <b>Incompatible materials</b>             | Oxidizing agents. Acids. Bases.                                    |
| <b>Hazardous decomposition products</b>   | Carbon oxides. Nitrogen oxides (NOx). Sulfur oxides. Metal oxides. |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Based on available data, the classification criteria are not met. |
| <b>Skin contact</b> | Causes skin irritation.   |
| <b>Eye contact</b>  | Causes eye irritation.  |
| <b>Ingestion</b>    | Based on available data, the classification criteria are not met. |

**Symptoms related to the physical, chemical and toxicological characteristics** Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain.

### Information on toxicological effects

**Acute toxicity** Not known.

| Product                                      | Species | Test Results          |
|--|---------|-----------------------|
| Evapo-Rust® Heavy-Duty Rust Remover - 946 mL |         |                       |
| <b>Acute</b>                                 |         |                       |
| <b>Dermal</b>                                |         |                       |
| ATEmix                                       |         | 2.33937e+006 mg/kg bw |
| <b>Oral</b>                                  |         |                       |
| ATEmix                                       |         | 5.19829e+006 mg/kg bw |

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

**Serious eye damage/eye irritation** Causes eye 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. |

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

**Carcinogenicity** 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** Not classified.

**Aspiration hazard** Not an aspiration hazard.

## 12. Ecological information

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

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential**

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

|  |  |
|--|--|
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Waste from residues / unused products</b> | 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). |
| <b>Contaminated packaging</b>                | 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.       |

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## 14. Transport information

### TDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

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## 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 Industrial Chemicals (AICIS)                   | No                     |
| Canada                      | Domestic Substances List (DSL)   | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | 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)  | No                     |
| New Zealand                 | New Zealand Inventory  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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## 16. Other information

**Issue date** 10-13-2022

**Revision date** 12-01-2022

**Version #** 02

**Further information** CRC # 1752724

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**Revision information** Product and Company Identification: HMIRC  
Composition / Information on Ingredients: Disclosure Overrides  
Stability and reactivity: Hazardous decomposition products