

## 1. Identification

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|---|---|--|
| <b>Product identifier</b>                                     | <b>Corrosion Inhibitor Additive</b>                         |  |
| <b>Other means of identification</b>                          |   |  |
| <b>Product code</b>   | 3325-RSTIN-1  |  |
| <b>Recommended use</b>  | Corrosion inhibitor   |  |
| <b>Recommended restrictions</b>                               | None known.   |  |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |  |
| <b>Company Name</b>   | ChemFree Corporation (A subsidiary of CRC Industries, Inc.) |  |
| <b>Address</b>  | 8 Meca Way<br>Norcross, GA 30093 USA                        |  |
| <b>Telephone</b>  |   |  |
| <b>General Information</b>                                    | 770-564-5580 (ChemFree)<br>215-674-4300 (CRC)               |  |
| <b>Technical Assistance</b>                                   | 800-521-7182 (ChemFree)                                     |  |
| <b>Fax</b>  | 770-564-5533 (ChemFree)                                     |  |
| <b>24-Hour Emergency (CHEMTREC)</b>                           | 800-424-9300 (US)<br>703-527-3887 (International)           |  |
| <b>Website</b>  | www.chemfree.com<br>www.crcindustries.com                   |  |

## 2. Hazard(s) identification

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



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|--|--|--|
| <b>Signal word</b>                               | Warning  |  |
| <b>Hazard statement</b>                          | Causes skin irritation. Causes serious eye irritation.   |  |
| <b>Precautionary statement</b>                   |  |  |
| <b>Prevention</b>                                | Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear protective gloves and eye/face protection. Wash thoroughly after handling.         |  |
| <b>Response</b>                                  | If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. 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 attention. |  |
| <b>Storage</b>                                   | Store away from incompatible materials.  |  |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national regulations.  |  |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.  |  |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name             | Common name and synonyms | CAS number  | %   |
|---------------------------|--------------------------|-------------|-----|
| corrosion inhibitor blend |                          | Proprietary | 100 |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|   |   |
|---|---|
| <b>Inhalation</b>   | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.   |
| <b>Skin contact</b>   | Remove contaminated clothing. Rinse skin with water/shower. 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. If ingestion of a large amount does occur, call a poison control center immediately. Do not induce vomiting.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. 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

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| <b>Suitable extinguishing media</b>                                  | Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Water spray.   |
| <b>Unsuitable extinguishing media</b>                                | None known.  |
| <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> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| <b>Fire-fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.  |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.  |

### 6. Accidental release measures

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| <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>               | Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.<br><br>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.  |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.   |

### 7. Handling and storage

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|---|---|
| <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. Use care in handling/storage. For product usage instructions, please 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 original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).  |

### 8. Exposure controls/personal protection

|                                     |  |
|-------------------------------------|--|
| <b>Occupational exposure limits</b> | This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit. |
| <b>Biological limit values</b>      | No biological exposure limits noted for the ingredient(s).                               |

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| <b>Appropriate engineering controls</b>                                      | 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. Provide eyewash station. |
| <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: Neoprene. Nitrile.   |
| <b>Other</b>   | Wear appropriate chemical resistant clothing.  |
| <b>Respiratory protection</b>  | If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. 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.  |

## 9. Physical and chemical properties

### Appearance

|   |   |
|---|---|
| <b>Physical state</b>                               | Liquid.                                       |
| <b>Form</b>   | Liquid.                                       |
| <b>Color</b>  | Yellow.                                       |
| <b>Odor</b>   | Mild.   |
| <b>Odor threshold</b>                               | Not available.                                |
| <b>pH</b>   | 9 - 11  |
| <b>Melting point/freezing point</b>                 | 32 °F (0 °C) estimated                        |
| <b>Initial boiling point and boiling range</b>      | > 212 °F (> 100 °C)                           |
| <b>Flash point</b>                                  | > 212 °F (> 100 °C) Pensky-Martens Closed Cup |
| <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>Vapor pressure</b>                               | Not available.                                |
| <b>Vapor density</b>                                | Not available.                                |
| <b>Relative density</b>                             | 0.99  |
| <b>Solubility (water)</b>                           | 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 (kinematic)</b>                        | Not available.                                |
| <b>Percent volatile</b>                             | Not available.                                |

## 10. Stability and reactivity

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|---|---|
| <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.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |

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| <b>Conditions to avoid</b>              | Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>           | Strong oxidizing agents. Strong acids.   |
| <b>Hazardous decomposition products</b> | Carbon oxides.   |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful.                        |
| <b>Skin contact</b> | Causes skin irritation.                                     |
| <b>Eye contact</b>  | Causes serious eye irritation.                              |
| <b>Ingestion</b>    | Health injuries are not known or expected under normal use. |

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

### Information on toxicological effects

|  |  |
|--|--|
| <b>Acute toxicity</b>                    | Not classified.  |
| <b>Skin corrosion/irritation</b>         | Causes skin irritation.  |
| <b>Serious eye damage/eye irritation</b> | Causes serious eye irritation.   |
| <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>                   | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

#### US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

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

Not regulated.

|   |  |
|---|--|
| <b>Reproductive toxicity</b>                              | This product is not expected to cause reproductive or developmental effects. |
| <b>Specific target organ toxicity - single exposure</b>   | Not classified.  |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.  |
| <b>Aspiration hazard</b>                                  | Not an aspiration hazard.  |

## 12. Ecological information

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | 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. |
| <b>Persistence and degradability</b> | No data is available on the degradability of this product.   |
| <b>Bioaccumulative potential</b>     | No data available.   |
| <b>Mobility in soil</b>              | No data available.   |
| <b>Other adverse effects</b>         | 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

|  |   |
|--|---|
| <b>Disposal of waste from residues / unused products</b> | This product is not a RCRA hazardous waste (See 40 CFR Part 261.20 – 261.33). Empty containers may be recycled. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. |
| <b>Hazardous waste code</b>                              | Not regulated.  |
| <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.  |

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### SARA 304 Emergency release notification

Not regulated.

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

Not regulated.

### US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Not listed.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### CERCLA Hazardous Substances: Reportable quantity

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Section 311/312 Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

### US state regulations

#### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### International Inventories

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | 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)  | Yes                    |

| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| New Zealand                 | New Zealand Inventory   | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | 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).

## 16. Other information, including date of preparation or last revision

|                            |  |
|----------------------------|--|
| <b>Issue date</b>          | 12-21-2016   |
| <b>Prepared by</b>         | Allison Cho  |
| <b>Version #</b>           | 01   |
| <b>Further information</b> | Not available.   |
| <b>HMIS® ratings</b>       | Health: 2<br>Flammability: 0<br>Physical hazard: 0<br>Personal protection: B |
| <b>NFPA ratings</b>        | Health: 2<br>Flammability: 0<br>Instability: 0                               |

### NFPA ratings



### Disclaimer

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