SAFETY DATA SHEET

1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Acid Alert Test Kit</th>
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<tbody>
<tr>
<td>(Part of 4320-W8 to be used in conjunction with Phase III Refrigeration Oil Test Reagent (L)(4320L))</td>
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</tbody>
</table>

| Other means of identification | Not available |
| Recommended use | Acid test kit |
| Recommended restrictions | None known. |

Manufacturer/Importer/Supplier/Distributor information

| Company name | Emerson Climate Technologies |
| Address | 8100 W. Florissant |
| St. Louis, MO 63146 |
| United States |
| Telephone | 800-361-9528 |
| Emergency phone number | 1-800-424-9300 (CHEMTREC) |

2. Hazards Identification

| Physical hazards | Not classified. |
| Health hazards | Not classified. |
| Environmental hazards | Not classified. |
| OSHA defined hazards | Not classified. |

Label elements

| Hazard symbol | None. |
| Signal word | None. |
| Hazard statement | The mixture does not meet the criteria for classification. |

Precautionary statement

| Prevention | Observe good industrial hygiene practices. |
| Response | Wash hands after handling. |
| Storage | Store away from incompatible materials. |
| Disposal | Dispose of waste and residues in accordance with local authority requirements. |

| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | Not applicable. |

3. Composition/Information on Ingredients

Mixtures

Ingredients not identified are proprietary or non-hazardous by GHS criteria.

4. First Aid Measures

| Inhalation | If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention. |
| Skin contact | Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists. |
| Eye contact | Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists. |
| Ingestion | Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. |

Most important symptoms/effects, acute and delayed

| Direct contact with eyes may cause temporary irritation. |

Indication of immediate medical attention and special treatment needed

| Treat symptomatically. |

General information

| Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |
5. Fire Fighting Measures

Suitable extinguishing media
- Treat for surrounding material.

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

Specific hazards arising from the chemical
- 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
- Move containers from fire area if you can do so without risk.

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

General fire hazards
- No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
- Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
- Stop the flow of material, if this is without risk.
- Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.
- Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions
- 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

Precautions for safe handling
- Use good industrial hygiene practices in handling this material.
- Keep out of reach of children. Store in a closed container away from incompatible materials.
- When using, do not eat, drink or smoke.
- Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities
- 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
- No exposure limits noted for ingredient(s).

Biological limit values
- No biological exposure limits noted for the ingredient(s).

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
- Eye/face protection: Wear safety glasses with side shields.
- Skin protection: Follow standard industrial hygiene practices.
- Other: Wear suitable protective clothing.
- Respiratory protection: No personal respiratory protective equipment normally required.
- Thermal hazards: Wear appropriate thermal protective clothing, when necessary.
- General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

**Appearance**: Clear
**Physical state**: Liquid
**Form**: Liquid
**Color**: Colorless
10. Stability and Reactivity

Reactivity
This product may react with strong oxidizing agents.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Chemical stability
Material is stable under normal conditions.

Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
May include and are not limited to: Oxides of carbon when heated to decomposition.

11. Toxicological Information

Information on likely routes of exposure

Ingestion
May cause stomach distress, nausea or vomiting.

Inhalation
No adverse effects due to inhalation are expected.

Skin contact
No adverse effects due to skin contact are expected.

Eye contact
Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics
Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity
Not available.

Skin corrosion/irritation
Prolonged skin contact may cause temporary irritation.

Exposure minutes
Not available.

Erythema value
Not available.

Oedema value
Not available.
12. Ecological Information

Ecotoxicity
Persistence and degradability
Bioaccumulative potential
Mobility in soil
Mobility in general
Other adverse effects

13. Disposal Considerations

Disposal instructions
Local disposal regulations
Hazardous waste code
Waste from residues / unused products
Contaminated packaging

14. Transport Information

U.S. Department of Transportation (DOT)

15. Regulatory Information

US federal regulations
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
CERCLA Hazardous Substance List (40 CFR 302.4)
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
- Immediate Hazard - No
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance
No

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
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.

US state regulations
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.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

US. Massachusetts RTK - Substance List
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
Not regulated.

US. Rhode Island RTK
Not regulated.

Country(s) or region Inventory name On inventory (yes/no)*
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)

16. Other Information

LEGEND

<table>
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<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
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<tr>
<td>/</td>
<td>/ 1</td>
<td>/ 0</td>
<td>X</td>
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Disclaimer
Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date
07-August-2014

Further information
For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Other information
This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).