Moving Line Liquid Crystal Temperature Indicating Strip

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

1.1 Product Identifier

Product Name: Moving Line Liquid Crystal Temperature Indicating Strip
Additional Names: Clinitrend, Briteline

1.2 Relevant identified uses of the substance or mixture and uses advised against.

Description: Surface Temperature Indication

1.3 Details of the supplier of the safety data sheet

Company: LCR Hallcrest
Address: 1911 Pickwick Lane
          Glenview, IL 60026
          USA
Web: www.hallcrest.com
Telephone: 847--998--8580
Fax: 847--998--6866
Email: sales@hallcrest.com
Emergency Phone: Chemtel
                Domestic: 800--255--3924
                Intl: +01--813--248--0585

2. HAZARDS IDENTIFICATION

2.1 GHS Classification

No significant hazards

2.2 GHS Label Elements

None

2.3 Other hazards which do not result in classification

None

SECTION 3: CONFIRMATION/INFORMATION ON INGREDIENTS

3.1 Chemical Identity

Plastic substrate with adhesive backing
4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Not applicable
Eye contact Not applicable
Skin contact No irritation expected
Ingestion May cause irritation of mucous membranes. DO NOT INDUCE VOMITING. Seek medication attention if irritation or symptoms persist

4.2 Most important symptoms and effects, both acute and delayed

Inhalation Not applicable
Eye contact Not applicable
Skin contact No irritation expected
Ingestion Seek medical attention if irritation or symptoms persist

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation Not applicable
Eye contact Not applicable
Skin contact Not applicable
Ingestion If you feel unwell, seek medical advice (show the label where possible)

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2 Specific hazards arising, protective equipment and emergency procedures

Burning produces irritating, toxic, and obnoxious fumes.

5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No specific clean up requirements

6.2 Environmental Precautions

No precautions required to be mentioned

6.3 Methods and material for containment and cleaning up

Sweep up
7. HANDLING AND STORAGE

7.1 Precautions for safe handling

| Individual protection measures          | Not normally required |
| Eye/face protection                    | Not applicable       |
| Skin protection – Hand protection      | Not applicable       |
| Respiratory protection                 | Not applicable       |
| Environmental exposure controls        | Keep in a cool, dry, well ventilated area. |

7.2 Conditions for safe storage, including incompatibilities

| Not applicable |

8. EXPOSURE CONTROLS/PERSOANL PROTECTION

8.1 Precautions for safe handling

| Individual protection measures          | Not normally required |
| Eye/face protection                    | Not applicable       |
| Skin protection – Hand protection      | Not applicable       |
| Respiratory protection                 | Not applicable       |
| Environmental exposure controls        | Normally not required |

8.2 Conditions for safe storage, including incompatibilities

| Not applicable |

8.3 Individual protection measures.

None Required

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Precautions for safe handling

| Appearance                                     | Self Adhesive plastic strip |
| Colors                                         | Various colors according to type |
| Odor                                           | None |
| Odor threshold                                 | Does not apply |
| pH                                             | Does not apply |
| Melting Point/Freezing Point                   | Does not apply |
| Initial Boiling Point and Boiling Range        | Does not apply |
| Flash Point                                    | Does not apply |
| Evaporation rate                               | Does not apply |
| Flammability                                   | Not available |
| Upper/Lower Flammability or Explosive Limits   | Not available |
| Vapor Pressure                                 | Does not apply |
10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Hazardous decomposition products.

Decomposition does not occur under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1 – Health effects

Acute Toxicity
No test data available

Skin corrosion/irritation
Non-irritant : Primary Skin Irritation Test (Geneva Labs Proc No: CL1005L)

Serious eye damage/irritation
No test data available

Respiratory or skin sensitization
Non sensitizer – tested according to ANSI/AAMI/ISO 109333 (Geneva Labs Proc. No.: CL1014E)

Germ cell mutagenicity
No test data available

Carcinogenicity
No test data available

Reproductive toxicity
No test data available

STOT-single exposure
No test data available

STOT-repeat exposure
No test data available

Aspiration hazard
No test data available

11.2 – Likely routes to exposure

This product is applied to the skin. It gives off no fumes

12. ECOLOGICAL INFORMATION

12.1 Ecological effects

Toxicity
No data available

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects
No data available

12.2 Further Information

No constituent has yet been assigned a risk phrase pertaining to the ecological effects (R50 to R59) or the symbol N
13. DISPOSAL CONSIDERATIONS
Dispose of in compliance with all local and national regulations. The U.S. Environmental Protection Agency (EPA) does not classify unused product as hazardous waste.

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Information</th>
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<tbody>
<tr>
<td>UN Number</td>
<td>None</td>
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<tr>
<td>UN Proper Shipping name</td>
<td>Not Applicable</td>
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<tr>
<td>Transport hazard class(es)</td>
<td>None</td>
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<tr>
<td>Packing Group (if applicable)</td>
<td>Not Applicable</td>
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<tr>
<td>Environmental Hazards</td>
<td>No known environmental hazards</td>
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<tr>
<td>Special Precautions for the User</td>
<td>None</td>
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<tr>
<td>DOT</td>
<td>The product is not classified as dangerous for carriage</td>
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<tr>
<td>IMDG</td>
<td>The product is not classified as dangerous for carriage</td>
</tr>
<tr>
<td>IATA</td>
<td>The product is not classified as dangerous for carriage</td>
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15. REGULATOR INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Information</th>
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<tbody>
<tr>
<td>Further Information</td>
<td>This product complies with ROHS legislation.</td>
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16. OTHER INFORMATION

<table>
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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>HMIS Labeling</td>
<td>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. HEALTH 0, FLAMMABILITY 0, PHYSICAL HAZARD 0.</td>
</tr>
<tr>
<td>Revision Information</td>
<td>This document revision is a complete rewrite of the document to bring it into compliance with the new OHSA HAZARD Communication Standard 29 CFR 1910.1200.</td>
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