

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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REVERSIBLE TEMPERATURE INDICATING LABELS (LIQUID CRYSTALS) -30 TO 90°C / -22 TO 194°F

Revision 3

Revision date 2014-09-25

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	REVERSIBLE TEMPERATURE INDICATING LABELS (LIQUID CRYSTALS) -30 TO 90°C / -22 TO 194°F
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	TEMPERATURE INDICATING DEVICE.
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1.3. Details of the supplier of the safety data sheet

Company	LCR Hallcrest Ltd
Address	Riverside Buildings Dock Road Connah's Quay Flintshire CH5 4DS United Kingdom
Web	www.lcrhallcrest.com
Telephone	+44 (0) 1244 817107
Fax	+44 (0)1244 818502
Email	sales@lcrhallcrest.com

Intended use

	Temperature indicating label.
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard
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SECTION 3: Composition/information on ingredients

Hazardous ingredients

	No significant hazard as supplied.
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SECTION 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 to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Not applicable.
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4.2. Most important symptoms and effects, both acute and delayed

Eye contact	Seek medical attention if irritation or symptoms persist.
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).

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	No specific clean up requirements.
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6.2. Environmental precautions

	No precautions required to be mentioned.
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6.3. Methods and material for containment and cleaning up

	Sweep up.
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6.4. Reference to other sections

	For disposal see section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	No handling requirements. No precautions required to be mentioned.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area.
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Suitable packaging

	Not applicable.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	Not applicable.
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8.2. Exposure controls

8.2.2. Individual protection measures	Not normally required.
Eye / face protection	Not applicable.
Skin protection - Handprotection	Not applicable.
Respiratory protection	Not applicable.

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8.2. Exposure controls

8.2.3. Environmental exposure controls	Not normally required.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Self adhesive plastic label.
Colour	Various colours according to type.

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

	No known adverse health effects.
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SECTION 12: Ecological information

Further information

	No constituent has yet been assigned a risk phrase pertaining to ecological effects (R50 to R59) or the symbol N.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
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Further information

	This product complies with ROHS legislation.
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SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:.

- 1 - Description.
- 4 - Inhalation.
- 4 - Eye contact.
- 4 - Skin contact.
- 4 - Ingestion.
- 4 - Inhalation.
- 4 - Eye contact.
- 4 - Skin contact.
- 4 - Ingestion.
- 6 - 6.2. Environmental precautions.
- 6 - 6.4. Reference to other sections.
- 7 - Suitable packaging.
- 8 - Respiratory protection.
- 8 - Skin protection - Handprotection.
- 8 - Eye / face protection.
- 8 - 8.2.3. Environmental exposure controls.
- 8 - 8.1. Control parameters.
- 10 - 10.1. Reactivity.
- 15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

Further information

	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. Does not contain any substances in Candidate List table - SVHC list December 2011.
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HMIS LABELLING

	HEALTH 0, FLAMMABILITY 0, PHYSICAL HAZARD 0.
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