



SAFETY DATA SHEET

Page 1 of 2

Unsealed Cholesteric LC Mixture

Revision 0
Revision date 2-Mar-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name	Unsealed Cholesteric LC Mixture
Description	A mixture of unsealed liquid crystal materials.
Company	LCR Hallcrest Ltd Riverside Buildings Dock Road Connah's Quay Flintshire CH5 4DS United Kingdom info@hallcrest.uk.com www.lcrhallcrest.com
Telephone	+44 (0) 1244 818348
Fax	+44 (0) 1244 818502
Emergency telephone number	+44 (0) 1244 818348
Intended use	Manufacture of temperature-indicating products and temperature-sensitive decorative effects.

2 HAZARDS IDENTIFICATION.

Main hazards	No Significant Hazard
---------------------	-----------------------

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

4. FIRST AID MEASURES

Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions.
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear suitable respiratory equipment when necessary.

Unsealed Cholesteric LC Mixture

Revision 0
Revision date 2-Mar-2009

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	In case of splashing, wear: Approved safety goggles.
Protective equipment	Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Viscous liquid.
Colour	Colourless.
Odour	Mild.
Water solubility	insoluble in water.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
------------------	---------------------------------

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
----------------------------	---

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Risk phrases	NSH - No Significant Hazard.
---------------------	------------------------------

16. OTHER INFORMATION

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.
----------------------------	--

All components are TSCA compliant.

HMIS LABELLING	HEALTH 0, FLAMMABILITY 0, PHYSICAL HAZARD 0 PERSONAL PROTECTION : A.
-----------------------	---