

Nazdar<sup>®</sup> Lyson<sup>®</sup> CIJ general purpose inks is a range of inks that are formulated to code on to the widest range of substrates. They are manufactured for all the major OEMs coders.

- Available in a variety of black formulations – OEM dependant
- Excellent start-up and reliable runability 24 hours a day
- Suitable for coding variable data
- Highest quality dyes give strong contrast, and no deviation
- Excellent adhesion to many non-porous substrates
- Good UV fade resistance
- Fast dry times
- Good rub resistance
- The most commonly used inks in the CIJ market

### SUBSTRATES

Manufactured to print on to substrates including: Acrylic, ABS, Polystyrene, PVC, uPVC, Rubber, Metal, and Cellulose.

## USER INFORMATION

*While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. See full disclaimer at the end of the document.*

### INK CHANGEOVER

Nazdar Lyson Coding and Marking inks are manufactured to be compatible with the OEM coder. These inks can be introduced directly on top of an equivalent OEM product. However, good working practices mean that we always recommend a flush and filter change prior to using Nazdar inks.

### CLEAN UP

Cleaning Solution: These are specific to the ink type you are using. More detail will be available from your Nazdar dealer, or by emailing Nazdar directly [salesuk@nazdar.com](mailto:salesuk@nazdar.com)

### STORAGE & TRANSIT

Storage and transportation of ink and cleaning solutions should be carried out between 5° - 25°C (41° - 77°F). Ink and cleaning solutions should always be kept away from heat, sparks, and flames and stored in a cool, dry and well ventilated area. If stored or transported at a different temperature, the ink should be allowed to reach room temperature before calibration or printing. This may have an adverse affect on performance and will affect any warranties given by Nazdar<sup>®</sup>.

Recommended shelf life of this range of product is between 6 months and 2 year – product dependant. All Nazdar Lyson inks should be used within 6 months of opening the bottle.

## GENERAL INFORMATION

### INK HANDLING

All personnel mixing and handling these products must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash the affected area with soap and water. Consult the relevant Lyson<sup>®</sup> Material Safety Data Sheet for further instructions and warnings (available on request or through [www.nazdar.com](http://www.nazdar.com)).

### FEATURES GUIDE (product dependant)

Blue wool rating: ≤7.  
Viscosities 3 to 8 at 20°C  
Dry times: 1-8 seconds\*  
Good IR Absorbance  
Low migration  
Good heat resistance  
Good optical density

### PACKAGING

All general purpose CIJ inks are available in OEM specific packaging and bulk containers, ranging from 600ml cartridges to 200 litres drums. A full list of packaging can be made available on request.

## PRODUCT OFFERING

Stock Number Prefix	Standard description
LMSCI...	CIJ Inks
LMSCA...	CIJ Additive (top-up, make-up)
LMSCF...	CIJ Flush

### INK SPECIFIC DATA

All Nazdar Lyson Coding and Marking inks have additional information available. MSDS' giving data including hazards, transport and storage conditions are available for each individual ink or flush. For specific data on suitable applications for an ink review our guide to Coding and Marking CIJ inks.

All this information can be found by contacting your dealer, visiting [www.nazdar.com](http://www.nazdar.com) or contacting Nazdar direct at [salesuk@nazdar.com](mailto:salesuk@nazdar.com).

*Lyson<sup>®</sup> CIJ coding and marking digital ink is manufactured for high resistance and excellent optical density. To ensure the best possible results from Lyson<sup>®</sup> coding and marking inks the correct ink should always be tailored to the chosen substrate and printer platform. Always pre-test new substrates prior to a production run. \*dry times indicated might require the use of additional driers*

*Nazdar<sup>®</sup> stands behind the quality of this product. Nazdar<sup>®</sup> cannot, however, guarantee the finished results because Nazdar<sup>®</sup> exercises no control over individual operating and production procedures. While technical information and advice on the use of this product is provided in good faith, the user bears sole responsibility for selecting the appropriate product for their end use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life cycle from printing, post print processing, and shipment to end use. This product has been specially formulated for digital printing, and it has not been tested by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar<sup>®</sup>.*

Based on information from our raw material suppliers, these products are formulated to contain less than 0.06% lead. If exact heavy metal content is required, independent lab analysis is recommended.

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# LYSON<sup>®</sup> CODING AND MARKING CIJ GENERAL PURPOSE INKJET INKS

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TECHNICAL DATA SHEET

<http://www.nazdar.com>