

Lyson<sup>®</sup> 2100 Series Digital Imaging Inks are designed as a high quality alternative for OEM Mutoh ValueJet inks. The primary features of these inks are as follows:

- OEM color match to Eco Ultra<sup>™</sup>, avoiding the need to profile when replacing these inks.
- Cartridges compatible with Mutoh ValueJet 1204, 1304, 1604, 1608, 1614 and 2606 when using Eco Ultra inks.
- Convenient packaging in 220ml and 440ml cartridges.
- Excellent exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM (as above) ink set.
- Reduced odor and VOC content when compared to true solvent inks.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.
- Enhanced drying characteristics minimize the risk of “blocking”.

### SUBSTRATES

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

## USER INFORMATION

### INK CHANGEOVER

Inks can be installed directly after OEM inks, but, all colors must be changed during initial install.

If installing onto non OEM inks, a flushing procedure must be under taken.

A fully illustrated change over procedure is available on request and must be used for all conversions.

When installing Nazdar Inks onto a newly commissioned printer, without first using Mutoh OEM inks, you must use Nazdar flush cartridges and not the provided Mutoh cleaning cartridges as detailed in the installation instructions provided with your printer. Further information briefing this procedure can be found in appendix 3 of the conversion procedure document.

### CLEAN UP

Cleaning Solution: Use LWS2100FF Flush Solution for the most effective cleanup of ink spills and cleaning of jet assemblies.

### 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. 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 product is 15 months from the date of manufacture when stored under preferred conditions.

### 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 Lyson<sup>®</sup> 2100 Series Material Safety Data Sheet for further instructions and warnings (available on request).

#### WEATHERING / OUTDOOR DURABILITY

Lyson<sup>®</sup> 2100 Series Inks are designed for maximum outdoor resistance to color fade and chemical attack caused by the combined effects of UV degradation and environmental pollution. Each color is formulated with durable long-term outdoor pigments. When Nazdar<sup>®</sup> Lyson<sup>®</sup> 2100 Series Inks are used with proper color management, color variance of the original print density will be minimal over a period of 24 months for vertical outdoor exposure.

### PRODUCT OFFERING

#### PACKAGING

All colors listed below are available in 220ml and 440ml cartridges, with additional 440ml Light Cyan and Light Magenta cartridges also available.

Stock Number	Standard Printing Colors	Stock Number	Standard Printing Colors
LWS2100CY	Cyan	LWS2100YE	Yellow
LWS2100MA	Magenta	LWS2100KK	Black

#### PACKAGING

Flush solution is available in 220ml cartridges and 1 Liter containers.

Stock Number	Flushing Solution
LWS2100FF	Flush Solution

*To ensure Nazdar<sup>®</sup> Lyson<sup>®</sup> 2100 Series Ink density values do not change during outdoor exposure, it is important to use proven substrates (flexible vinyls and pressure sensitive vinyls) that do not "yellow" or vary from their original white cast when exposed outdoors. All Nazdar<sup>®</sup> Lyson<sup>®</sup> 2100 Series Inks are formulated for maximum adhesion to an extensive range of unsupported and pressure sensitive vinyls. Always pretest for acceptable adhesion prior to production.*

*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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