

Dispersa O-520 is an organic, plant-based and non-aromatic solvent. It can be used as a solvency enhancer in the formulation of solvents and cleaners for various applications such as printing ink, paint, household cleaners, and oil and gas industries. Its manufacture conforms to the principle of «Green Chemistry».

## APPLICATIONS

It is a solvent that can be used in the formulation of all types of solvents and cleaners. It is safe to use, a biodegradable and environment friendly substitute for methanol, toluene, diesel, xylene and other petroleum based solvents.

## FEATURES AND BENEFITS

- Excellent solvency property, with a Kauri Butanol Value of 85 that is superior to other plant-derived solvents (e.g. d-Limonene, KB Value = 68).
- Compatible with most active ingredients used in the formulation of solvents and cleaners for a wide variety of applications like paint, printing ink, household cleaners and oil and gas industries.
- Superior performance allowing formulators to use the product at lower dosages compared to petroleum based and organic solvents.
- Volatile Organic Compounds (VOC) of less than 5 % makes it safer to use compared to petroleum based solvents.

- Higher flash point than diesel and other aromatic solvents.
- It is non-flammable making it safer to transport and store.
- Plant-based, biodegradable and non-carcinogenic.

## PACKAGING

It can be purchased in 20 liter pails, 200 L drum or in bulk. Special packaging can be arranged.

## STORAGE AND DISPOSAL

### Storage

This product is stable for 2 years from date of purchase provided that it is stored at ambient conditions away from moisture and direct sunlight. For stored products beyond 2 years, consult Jamorin International Limited recommendation on use.

### Disposal

Use sawdust or road dust to absorb spills and dispose used absorbent in a landfill. Do not throw used absorbent materials into waterways. Wash affected surfaces with detergent and water.

*"Pursuant to our responsible care philosophy, Material Safety Data Sheets (MSDS) are made available by Jamorin for all product categories that it manufactures and sell. This document is issued together with the product's technical data sheet to guide the users on the proper handling, storage, safety and use of the product. Users of Jamorin products are requested to demand for the copy of the MSDS document pertaining to the specific product to be handled. Personnel handling the product are advised to read and understand the information and safety instructions contained in the MSDS document. Responsible Care Officer and/or Safety Personnel must keep all MSDS documents as a ready reference at the working environment."*

## TYPICAL PROPERTIES

| Properties                       | Typical      | Method           |
|----------------------------------|--------------|------------------|
| Appearance                       | Clear liquid | Visual           |
| Density @ 15 °C, Kg/L            | 870          | ASTM D613        |
| Acid Number, mgKOH/gm            | 0.38         | ASTM D664 or 974 |
| Flashpoint, Pensky-Marten, °C    | 86           | ASTM D93         |
| Kauri Butanol Value (Approx.)    | 85           | –                |
| Volatile Organic Compounds, %    | 5.0 max      | USEPA Method 24  |
| Kinematic Viscosity @ 40 °C, cSt | 1.78         | ASTM D445        |

**DISCLAIMER** "It is in good faith that we offer suggestions on the use of our products and these are based on knowledge we believe are correct and dependable. However, these are with no guarantee as process and conditions in the use of our products may vary and are beyond our control. We strongly recommend that users of our products verify the appropriateness of our suggestions before using them on a commercial scale".

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