

Surfasol P-450 is an organic, non-aromatic solvent and cleaner. It has excellent solvency property for various heavy duty cleaning applications as direct replacement for most petroleum-derived solvents & cleaners, and plant-based materials like d-Limonene.

## APPLICATIONS

Surfasol P-450 is low VOC, biodegradable, non-carcinogenic solvent and cleaner. It is an excellent alternative to white spirits, NMP (N-methylpyrrolidone), Glycol Ethers, and d-Limonene. It can be used in the formulations of hand cleaners, degreasers, paint strippers, graffiti removal systems, and ink stain cleaner/removal.

## FEATURES AND BENEFITS

- Bio-based, biodegradable and non-carcinogenic
- It has excellent cleaning and degreasing properties.
- It is a safe replacement for white spirits, NMP (N-methylpyrrolidone) or Glycol Ethers which are normally in the above formulations.
- Volatile Organic Compounds (VOC) of less than 5 % makes it safer to use compared to petroleum based solvents.
- It is non-flammable making it safer to transport and store.

## PACKAGING

It can be purchased in bulk and 200 L drum. Special packing can be arranged.

## STORAGE AND DISPOSAL

### Storage

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

*"Jamorin has Material Safety Data Sheets (MSDS) for each products. The MSDS contain relevant information needed to safeguard your employees from any known safety and health hazard related with our products. Jamorin provides you MSDS for all the products you evaluate or buy. It is also necessary that you get copies of the MSDS of the other raw materials recommended in our technical bulletins from the suppliers. Your employees should have ready access to and to be trained well on the proper use of MSDS"*

## TYPICAL PROPERTIES

| Properties                       | Typical           | Method           |
|----------------------------------|-------------------|------------------|
| Appearance                       | Clear blue liquid | Visual           |
| Density @ 15 °C, Kg/L            | 0.86-0.90         | ASTM D613        |
| Acid Number, mgKOH/gm            | 1.00              | ASTM D664 or 974 |
| Flashpoint, Pensky-Marten, °C    | 100 min           | ASTM D93         |
| Kinematic Viscosity @ 40 °C, Cst | 2.00-4.50         | ASTM D445        |
| Volatile Organic Compounds       | 5.0 max           | ASTM D2369       |
| Kauri Butanol Value (Approx.)    | 65-75             | –                |

**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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