

## OSFS TECHNICAL DATA SHEET

### Description

OSFS One Step Fountain Solution is an efficient and economical, low VOC fountain solution designed for small to medium format sheet-fed presses. OSFS works well with UV and conventional inks and does not require alcohol or an alcohol substitute.

### Application Information

Safety First - Review Safety Data Sheet (SDS) and secure proper Personal Safety and Protective Gear.

#### To Use:

1. The dampening system must be cleaned and flushed before using OSFS.
2. Mix at a ratio of:  
**Sheet Fed:** 3.5 to 4.0 ounces of OSFS per one gallon of water -  
3.5 - 4.0 oz / 1 Gallon.
3. The pH should be 3.8 - 4.0 and conductivity in a range of 900-1400 above water.
4. Check all roller settings against manufacturer's specifications. Start ink setting at a level that is 15% below normal setting and keep stripes to the light side of specs.
5. If problems appear, check Shore A hardness of rollers.

### Typical Properties of OSFS

VOC = 58 grams/liter  
Color = Amber/Tan  
Odor = Mild Acidic

### Advantages and Benefits

- OSFS works efficiently with all types of inks.
- Designed for optimum performance on small to medium sheet-fed and duplicator presses that use both metal and poly plates.
- OSFS is specially formulated to keep the dampening system cleaner than other fountain solutions do.
- Inks print stronger resulting in denser blacks, brighter colors, and less use of ink which lowers your production costs.
- OSFS allows for quicker and cleaner start-ups.
- Does not require alcohol and alcohol substitutes resulting in less water being emulsified, and faster drying ink.

### Packaging

OSFS is available in quantities of 1 gallon, 5 gallons and 55 gallons.