



# PRODUCT DATA SHEET

## Water Soluble Fluxes 353 Series

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### DESCRIPTION

The **353WSR** series of water-soluble fluxes are designed to function with the same characteristics as rosin based fluxes. The **353 series** can be cleaned effectively with water **without using harsh detergents or saponifiers** and can be used in any application that allows for the use of a **RA rosin flux**. These fluxes contain a **unique resin derivative** that passes the Storch Liebermann test for resin, yet remains completely and totally soluble in water.

- ◆ **353WSR has a neutral pH** and allows trouble free cleaning up to 24 hours after wave soldering. The product can be washed with warm water (no detergent required)
- ◆ **353-25 is a high solids flux** recommended for high volume production especially where high temperatures and long dwell times are used (ex. Power boards and boards thicker than normal).

| PHYSICAL PROPERTIES                | 353WSR             | 353-25             |
|------------------------------------|--------------------|--------------------|
| Appearance                         | light amber liquid | light amber liquid |
| Specific gravity @ 20 °C           | 0.836              | 0.866              |
| Solids                             | 16%                | 25%                |
| Activator                          | Halide             | Halide             |
| Water extract resistivity (ohm-cm) | 32,000             | 27,000             |
| Recommended thinner                | <b>353-00</b>      | <b>353-00</b>      |

**SAFETY** **353 series** fluxes are flammable materials. Avoid exposure to heat, sparks and open flames. See Material Safety Data Sheets for appropriate safety procedures.

**PACKAGING** Available in 1 gallon jugs, 5 gallon pails and 55 gallon drums.

**STORAGE** **353 series** fluxes have a recommended shelf life of 12 months when stored in the original sealed container at ambient temperatures.

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Manufactured By:  
**Interflux USA, Inc.**  
2914 Ladybird Lane  
Dallas, TX 75220

Tel: **214-350-5565**  
Toll Free: **800-843-3589**  
Fax: **214-350-9713**

[www.interfluxusa.com](http://www.interfluxusa.com)