



# **FOCUS TECH PROCESS CHEMICALS**

## **Technical Data Sheet**

### **Focus Tech TSN-3100**

#### **Tin/Solder Stripper**

#### **Product Description**

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TSN-3100 strips tin and solder etch resists quickly and cleanly and leaves the underlying copper surface with a bright, uniform finish. TSN-3100's concentrated formulation allows the user to maintain fast strip rates with very high metal loading. Proprietary additives minimize copper attack and sludge formation. TSN-3100 can also be used to strip HAL solder when reworking is required. Use TSN-3100 in batch or continuous replenishment applications.

#### **Features**

- ⊙ High metal loading
- ⊙ Reduced sludge formation

#### **Benefits**

- ⊙ Low operating costs
- ⊙ Reduces equipment maintenance

#### **Physical Properties**

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Specific gravity: 1.18  
pH: <2  
Appearance: Clear, green liquid

#### **Compatible Materials of Construction**

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Plastics	Polypropylene, polyethylene, PVC or Teflon
Metals and alloys	Stainless steel, titanium, Hastelloy-C
Elastomers	Viton

## ***Typical Operating Parameters***

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Concentration:	100%
Temperature:	70 °F – 100 °F
Dwell time:	0.5 – 2 minutes
Specific gravity:	1.20 – 1.30
Ventilation:	recommended

## ***Storage***

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Store in original containers above 40 °F. This product, new and spent, must be stored in vented packaging to prevent pressure build up.

## ***Safety***

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CAUTION! TSN-3100 contains acidic components. Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

## ***Notice***

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The information and recommendations, contained herein, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent