



# Technical Data Sheet

**Product**

**Type**

**COUNTER RUST™ 855**

**Rust Preventive**

**Premium thin-film barium sulfonate based water displacing rust preventive soluble in oil and solvent**

## Application

Counter Rust 855 is a cost effective, thin-film, water displacing rust preventive based on barium sulfonate. Counter Rust 855 provides excellent protection against salt and humid atmospheres when formulated in petroleum solvent and/or oil solutions.

Counter Rust 855 is designed specifically to offer the quick demulsification time while providing excellent solubility and stability in the widest ranges of solvents, oils and blends. When formulated and tested in the B-117 salt atmosphere test, Counter Rust 855 has demonstrated over 75 hours of protection yet the film is easily removed. Even a 5% it offers over 60 days protection from humidity

Counter Rust 855 is non-staining on a variety of ferrous and non-ferrous metals.

## Typical Properties

| Test                                  | Typical    |
|---------------------------------------|------------|
| Appearance                            | waxy solid |
| Specific gravity at 15.6° C           | 0.94       |
| Total base number, mg KOH/g           | 16         |
| Total saponification number, mg KOH/g | 50         |
| Congeval melt point, °C               | 36         |

## Benefits

- Excellent salt spray and humidity protection for indoor and outdoor
- Non-Staining
- Good water-displacing and water-separation
- Soluble and stable in a wide variety of petroleum solvents and oils
- Light color and low odor
- Films are easily removed with Alkaline Cleaners

## Suggested Formulations

### Moisture displacing rust preventive coating:

|                  |             |
|------------------|-------------|
| Counter Rust 855 | 10.0 -20.0% |
| Mineral Spirits  | Balance     |

### Oily thin film finished rust preventive

|                              |              |
|------------------------------|--------------|
| Counter Rust 855             | 10.0 - 15.0% |
| 100 SUS Paraffinic Oil       | 10.0 – 20.0% |
| Aliphatic High Flash Solvent | Balance      |

## Storage and Handling

|  |              |
|--|--------------|
| Recommended Maximum Long Term Storage Temperature* | Ambient      |
| Recommended Minimum Temperature for Use            | 45°C / 113°F |
| Flash Point  | 150° C COC   |

\*Long term storage at temperatures above this may result in loss of performance.



### TRU Full Circle Additives

Technical Data Sheet

810-776-8440

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

## TRU Full Circle Additives

4302 James P Cole Boulevard Flint, MI 48505

Phone: 1-810-776-8440 Fax 1-810-776-8540

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

[customerservice@truadditives.com](mailto:customerservice@truadditives.com)

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