

# DATA SHEET

## DEV-KLEEN COMBO 609

**Dev-Kleen 609** is a mildly alkaline, medium silicated alkaline cleaner. Dev-Kleen 609 high detergency package makes it suitable for use as a spray, immersion soak or ultrasonic cleaner.

**Dev-Kleen 609** can be used on a variety of substrates, including aluminum, copper, brass, zinc die cast and lightly soiled steels.

### Feature

Free flowing, dust free powder  
Versatile cleaning ability  
Inhibits rust on steel  
Prevents scale build up on equipment

### Benefit

Easy and safe to use  
Allows use in all types of equipment  
No need for expensive rust preventive  
Less maintenance and down time

### OPERATING CONDITIONS:

Make-up:	Spray	2.0 - 4.0 oz./gallon
	Immersion	3.0 - 6.0 oz./gallon
	Temperature:	140 - 200 °F

Note: In spray applications, **Do Not** operate below 140 Deg.F. or excessive foaming may occur.

### CONTROL PROCEDURE:

#### Titration Analysis Method:

1. Pipette a 1 ml. sample of the solution into an Erlenmeyer flask.
2. Add 5mls DI water and 4-5 drops of Methyl Orange indicator.
3. Titrate with 1.0 N HCl. End pt: Yellow → Rose

**Calculation:** Mls. 1.0 N HCl multiplied by 0.16 = oz. per gal. **Dev-Kleen 609**

#### Test Kit Analysis Method

1. Use the syringe to transfer 3 cc of the sample to a clear glass bottle.
2. Add about 2 - 4 drops of Methyl Orange indicator to the sample.
3. While "swirling" the solution, add 1.0N hydrochloric acid (HCl) dropwise until the solution turns clear. Make note of the number of drops used.

**Calculation:** # of drops 1.0 N HCl divided by 3 = oz/gal **Dev-Kleen 609**

**Read Material Safety Data Sheet before using this product.**

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