

# DATA SHEET

## DEV-KLEEN N

Dev-Kleen N is a heavy-duty, liquid neutral cleaner designed to remove all types of soils from all substrates. Dev-Kleen N will typically remove cutting oils, drawing and stamping compounds, coolant residues, smut, dirt, and metal fines. The particular wetting agents used in Dev-Kleen N provide fast wetting and lead to the rapid loosening and dispersing of dirt and oils.

### MAKE-UP AND CONTROL:

#### Characteristics:

Appearance at room temperature	Yellow liquid
Specific gravity	1.076
pH at 100%	8.45
lbs/gal	8.98

### DEV-KLEEN N AS A SOAK CLEANER:

Dev-Kleen N	3 – 5%
Emulsifying Additive	.3 - .5%
or	
Splitting Additive	.3 - .5%
Temperature	160 - 180° F.

### DEV-KLEEN N AS A SPRAY CLEANER:

Dev-Kleen N	2 – 4%
Temperature	160 - 180°F.

### DEV-KLEEN N AS AN ULTRASONIC CLEANER:

Dev-Kleen N	1 – 3%
Temperature	160 - 180°F

### ANALYSIS:

1. Take a 100mL sample of the solution.
2. Add 3 - 4 drops of methyl orange indicator.
3. Titrate with 1.0N hydrochloric acid until solution changes from orange to red.

**Calculation:** (mLs of acid) x (Normality) x 1.408 = % product

**NOTE:** Due to the neutral pH of this product, samples from excessively contaminated baths may give erroneous results.

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

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