

DATA SHEET

Dev-Kleen 298

COPPER - BRASS - ZINC DIE CAST - STEEL CLEANER

Dev-Kleen 298 is a unique, concentrated liquid alkaline blend specifically developed to remove all types of soils from copper, copper alloys, zinc die-castings, and steel. The specific wetting agents selected for **Dev-Kleen 298** provide fast wetting and contribute to the dispersion and loosening of dirt and oils. It is designed for immersion and reel-to-reel operations.

ADVANTAGES

- * Liquid product provides for simplistic operation
- * Rapid dispersion of soils
- * Low foaming
- * Effective with all types of equipment

AS A SOAK CLEANER

Dev-Kleen 298	1.0 – 4.0%*
Dev-Kleen EAHD (to emulsify)	0.1 – 0.4%
or	
Dev-Kleen SA (to split oils)	0.1 – 0.4%
Temperature	140 -180°F
Time	1 – 6 min.

AS AN ELECTROCLEANER (Cathodic or Anodic)

Dev-Kleen 298	4.0 – 8.0%*
Temperature	150 - 180°F
Time	1 – 6 min.

*The concentration needed will depend on the type of material being cleaned. The recommended concentration for zinc and zinc die-cast is at the low end of the range, copper and copper alloys are in the middle of the range, and steel is at the high end of the concentration range.

OPERATING BATH ANALYSIS

CAUTION: The following procedures involve the use of potentially hazardous chemicals. Manufacturer's operating instructions should be consulted and the appropriate safety cautions followed.

Procedure

1. Take a 100 ml sample
2. Add 10 drops of phenolphthalein indicator
3. Titrate with 1.0N hydrochloric acid from a pink to clear end point

Calculation: (mls 1.0 N HCl) x (0.125) = % **Dev-Kleen 298**

Read Material Safety Data Sheet before using this product.

DISCLAIMER:

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. No warranty or guarantee expressed or implied is made regarding the performance of any products, since the manner of use is beyond our control. No suggestion for product use or anything contained herein, shall be construed as a recommendation for its use in infringement of any existing patent and we assume no responsibility or liability for operations which do infringe any such patents. The above includes confidential and proprietary information of Deveco Corporation and is furnished to you for your use solely on products or processes supplied by us to you.