

DATA SHEET

DEV-KLEEN 252

Dev-Kleen 252 is a heavy-duty, all-purpose, liquid alkaline cleaner designed to remove stubborn soils from ferrous metals in both soak and electrocleaning operations. As a strong alkaline cleaner, **Dev-Kleen 252** will typically remove cutting oils, drawing and stamping compounds, coolant residues, buffing compounds, dirt and metal fines. **Dev-Kleen 252** is low foaming and therefore can be used in both rack and barrel operations.

MAKE-UP AND CONTROL:

Characteristics:

➤ Appearance	Clear/Colorless Liquid
➤ Specific gravity	1.38
➤ pH at 5%	13.1
➤ lbs/gal	11.5

DEV-KLEEN 252 AS A SOAK CLEANER:

◆ Dev-Kleen 252	2 – 5%
○ Dev-Kleen EAHD (to emulsify)	0.2 - 0.5%
▪ or	
○ Dev-Kleen SA (to split)	0.2 - 0.5%
◆ Temperature	180 - 200°F
◆ Time	3 - 6 minutes

DEV-KLEEN 252 AS AN ELECTROCLEANER:

◆ Dev-Kleen 252	6 – 10%
◆ Temperature	150 - 180°F
◆ Time	3 - 6 minutes

Titration Analysis Method:

- ◆ Take a 10 ml sample of the solution.
- ◆ Add about 50 – 100 mls of water
- ◆ Add 3 or 4 drops of Phenolphthalein indicator to the sample.
- ◆ Titrate with 1.0 N Hydrochloric Acid (HCl) until the solution turns clear.

Calculation: mls. 1.0 N HCl x 1.3 = %**Dev-Kleen 252**

Dev-Kleen 252
Page 2 of 2

Test Kit Analysis Method:

- ◆ Use the syringe to transfer 2 mls of the sample to the clear glass bottle.
- ◆ Add about 10 mls of water and 1 or 2 drops of phenolphthalein indicator to the sample.
- ◆ While “swirling” the solution, add 1.0 N Hydrochloric Acid (HCl) dropwise until the solution turns clear. Make note of the number of drops used.

Calculation: # of drops 1.0 N HCl x 0,.25 = % Dev-Kleen 252

CAUTION:

This product is extremely caustic in nature. Contact of the solution with skin or eyes should be avoided. In case of contact, flush contaminated area with a large amount of water. When handling this product, protective clothing, i.e. rubber apron, gloves, boots, and goggles should be worn.

Read Material Safety Data Sheet before using this product.

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