

Dev-Kleen 232-EA

Dev-Kleen 232-EA is a non-etching aluminum cleaner which provides excellent cleaning ability without excessive foaming. The head of foam will seldom exceed 1/2 inch in height in the reservoir tank, even when high pressures are used. Dev-Kleen 232-EA is a high detergency, liquid product that can also be used to clean copper, brass and steel.

Dev-Kleen 232-EA has the following characteristics:

- Liquid formulation permits easy additions and is suitable for automatic pump applications.
- Effective in all equipment: Pressure spray, cylindrical screw conveyor, agitated basket-type.
- Prevents scale build-up on tank walls, pipes, nozzles and steam coils.
- Has long life and is economical to use.

MAKE UP:

Concentration	5 - 10%
Temperature	140 – 200 °F.

Do not operate the cleaner below 140 °F or foaming may become excessive.

Read Material Safety Data Sheet before using this product.

DISCLAIMER:

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Dev-Kleen 232-EA Alkaline Soak Cleaner

ANALYSIS:

TITRATION KIT PROCEDURE:

- ★ Use the syringe to transfer 2 ml. of the sample to a clear glass bottle.
- ★ Add 2 or 3 drops of methyl orange indicator to the sample.
- ★ While “swirling” the solution, add 1.0N hydrochloric acid (HCl) dropwise until the solution changes from yellow to pink/orange . Make note of the number of drops used.

Drops. 1.0 N HCl

Dev-Kleen 232-EA Concentration

- 2	3%
- 3	5%
- 5	10
- 7	15
- 9	20

LABORATORY TITRATION PROCEDURE:

- ★ Take a 50 ml sample of the solution.
- ★ Add 3 or 4 drops of Methyl Orange indicator .
- ★ Titrate with 1.0N hydrochloric acid (HCl); End point: Yellow → Pink/Orange.

Calculation: % Dev-Kleen 232-EA = (2.5) X (mls 1.0N HCl)