



# PRO-CHEM-CO, INC.

# TECHNICAL DATA

## PRO-CLEAN V

### VIBRATORY/HOT TANK CLEANER

#### DESCRIPTION:

PRO-CLEAN V is a medium-duty, vibratory/tank cleaner for steels. PRO-CLEAN V is an in-process, low alkalinity, cleaner with “built in” corrosion protection. PRO-CLEAN V is an ideal choice prior to finishing processes such as phosphating, chromating, painting, or adhesive coatings application.

#### BENEFITS:

- Outstanding wetter
- “Splits out” oils & greases
- Good detergency
- Good tank life
- Prevents soil redeposition
- Low foaming when heated
- Easy to paint over
- Safe, non-hazardous formulation
- Operator friendly product
- Economical – low end use cost
- Good corrosion protection
- Easy disposal/treatment
- Versatile – cleans well hot or cold!
- Excellent rinsing properties

#### OPERATIONS/APPLICATIONS:

- Tumbling steel parts (cleans parts/protects media)
- Heated spray washers
- Steam gun-steel cleaning
- Barrel cleaning
- Hard surface maintenance cleaning
- Hot tank cleaning
- Plating operations
- Pretreatment cleaning
- Fabrication cleaning
- Wipedown machine cleaner

**DIRECTIONS FOR USE:**

PRO-CLEAN V can be diluted with water to any concentration desired. The proper mixing ratio depends upon cleaning temperature, exposure time, composition of soil and application method. PRO-CLEAN V is **not** intended for use in spraying applications. Use warm water when rinsing if possible. PRO-CLEAN V foams slightly before heating for tumbling operations but foam dissipates with heat. The concentration chart below offers a good starting point.

\* **Note** – consult your sales representative for cleaner dispensers or titration methods.

<b><u>Recommended Starting Dilutions</u></b>		
<b>APPLICATION</b>	<b>RANGE</b>	<b>PRO-CLEAN V CONCENTRATION</b>
Vibratory/Tumbling	R.T. - 110° F	1 - 3%
Hot Tank Cleaning	110 - 160° F	2 - 10%
Spray Washers	110 - 150° F	2 - 5%
Rotary Barrel	100 - 150° F	2 - 7%

**Note:** The most effective method to monitor cleaner life is by determining the ratio of total and free alkalinity.

**PROPERTIES:**

Appearance ----- Clear, Yellow Liquid  
Odor ----- Bland  
pH ----- 10 Typical  
Specific Gravity ----- 1.067  
Flash Point ----- None

**PACKAGING:**

PRO-CLEAN V is available in 5-gallon pails, 55-gallon drums, totes, and bulk.