



INDUSTRIAL COATINGS

(CK258)

CHEMKLEEN 258

COMBINATION CLEANER & CORROSION INHIBITOR

PRODUCT DESCRIPTION



PRODUCT ADVANTAGES

- Phosphate free
- Contains no DEA or nitrite compounds
- Suppresses growth of fungus
- Operates over wide range of concentrations & temperatures.

CHEMKLEEN 258 is a combination cleaner and corrosion inhibitor intended for use in single stage washers. The unique nature of this product is that it provides a uniformly clean, residue free surface with a built in rust inhibitor.

TECHNICAL PROPERTIES



Composition: Liquid
 Appearance: Yellow / Amber

Odor: Mild
 Specific Gravity: 1.04
 Pound per Gallon: 8.67

Flash Point: >200°F
 Foaming Tendency: Low
 Recommended Diluent: Water

Behavior in Hard Water: Good
 Rinsability: Good
 Biodegradable Surfactants: N/A

Recommended Concentration: 2%-3% by volume
 Recommended Temperatures: Ambient – 145°F
 Stability: Good
 Time: 30 seconds minimum
 Pressure: 15 PSI minimum

USE & CONTROL INSTRUCTIONS:

Replenishment:

CHEMKLEEN 258 can be metered directly into the circulating tank. Metering directly into the pump well or supply header will produce the most efficient results. To raise the concentration 0.5% add approximately ½ gallon of **CHEMKLEEN 258** for every 100 gallons of tank volume.

Control Procedure:

Free Alkalinity is determined by using a 25-ml pipette transfer 25 mls of the operating bath into a clean 150-ml beaker. Add 4-5 drops of Indicator #5 (Phenolphthalein) and titrate with Test Solution #4 (N/10 H₂SO₄) until the solution changes from pink to clear. The mls of Test Solution #4 is recorded as free alkalinity.

Total Alkalinity:

Can be determined by adding 3 to 4 drops of Indicator #2 (Brom Cresol Green) to a fresh 25 ml sample of the cleaner in a 150 ml beaker. Titrate with Test Solution #4 until the solution changes color from blue to yellow. The number of mls of Test Solution #4 is recorded as Total Alkalinity.

<u>CONCENTRATION</u>	<u>FREE ALKALINITY</u>	<u>TOTAL ALKALINITY</u>
0.5%	1	3
1.0%	2	6
2.0%	4	9
3.0%	6	12

Conductivity Control Points:

Various v/v% conductivity measurements are below for the purpose of initial adjustments. Your PPG representative will work with you to best determine the correct concentrations for your system. Conductivity is reported in micro mhos per centimeter.

<u>V/v%</u>	<u>Conductivity mmho/cm</u>
0.5	360
1.0	510
2.0	800
3.0	1000

PRECAUTIONS:

Consult the most recent Material Safety Data Sheet for health and safety information relative to the handling and storage of this material.

Emergency 24 hour Chemtrec number: 800.424.9300