

Vulclean SP-9115

Heavy duty, multi-purpose cleaner

Description

Vulclean SP-9115 is a moderately alkaline heavy duty cleaner engineered to remove heavy oils, shop soils and coolants from ferrous and non-ferrous alloys. Parts cleaned with **Vulclean SP-9115** exhibit excellent in-process rust protection.

Performance Benefits

- Very versatile product. Can be used in immersion or spray applications.
- Does not foam and tends to float oil.
- Does not contain free caustic.
- Can be used in ambient applications
- Hard water stable.
- Does not contain any Sara 313 listed components.

Recommended Applications & Dilutions

	Concentration	Temperature Range
Spray / Flood	5% to 10%	Ambient to 170°F
Immersion	5% to 10%	Ambient to 170°F
Ultrasonic	5% to 10%	Ambient to 170°F
Vibratory	3% to 6%	Ambient to 170°F

Parts coming out of the washer should be blown off using hot air.

Though suitable for multi-metal cleaning, we recommend that yellow metals and some aluminum alloys be rinsed with clean water to remove any residual alkaline residues.

Characteristics

Properties	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Light Amber liquid
Appearance of Dilution	-	Visual	Clear
Odor	-	-	Mild
pH (typical operating range)	-	-	9.6
Density @ 15°C	lbs/gal	-	8.7
Nitrites	-	-	No
Silicates	-	-	No
Phenols	-	-	No

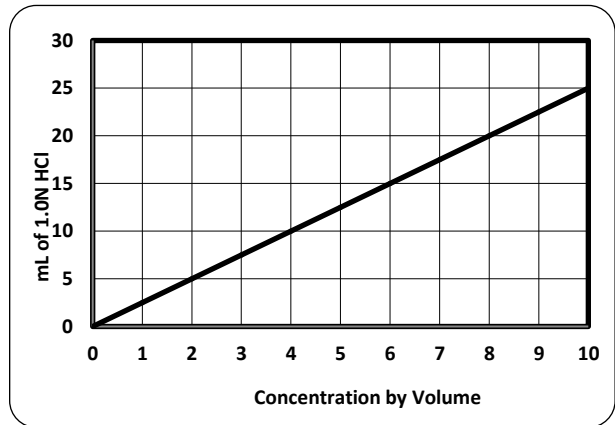
Dropper Method:

Dropper Factor: 0.4

1. Measure 10mL of the in-use cleaner into a small flask using a 5mL disposable syringe.
2. Add 2-4 drops of Bromphenol Blue indicator to the cleaner, swirl to mix. Sample should turn a dark blue.
3. Add 1.0N HCl dropwise to until sample turns yellow

Concentration = Drops of 1.0N HCl X Dropper Factor

Drops of 1.0N HCl	% Concentration
10	4
15	6
20	8
25	10



Concentration measurement using a refractometer is not recommended.