

Vulclean SP-2225

Heavy duty, multi-purpose alkaline cleaner

Description

Vulclean SP-2225 is an inhibited alkaline, liquid compound, designed for the effective removal of dirt, chips, coolants, oils and lube compounds from ferrous and non-ferrous parts. Utilizing the newest innovative technology, **Vulclean SP-2225** has excellent cleaning capabilities and provides a non-spotting, non-tacky surface on the cleaned parts that offer 45-60 days of in-door rust protection.

Performance Benefits

- Effective on ferrous and non-ferrous metals such as copper, brass and most aluminum alloys
- Low foaming at operating temperatures
- Does not emulsify oil
- Does not contain nitrites or phosphorous
- Excellent rust protection

Recommended Applications & Dilutions

	Concentration	Temperature Range
Spray / Flood	3% to 5%	130°F to 170°F
Immersion	3% to 5%	130°F to 170°F
Ultrasonic	3% to 5%	130°F to 170°F
Vibratory	Not recommended	-

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	Clear liquid
Appearance of Dilution	-	Visual	Clear
Odor			Mild
Form	-	-	Liquid
pH (typical operating range)	-	-	11.0 to 11.5
Density @ 15°C	lbs/gal	-	9.7
Nitrites		-	No
Silicates		-	Yes
Phenols		-	No

Concentration Control

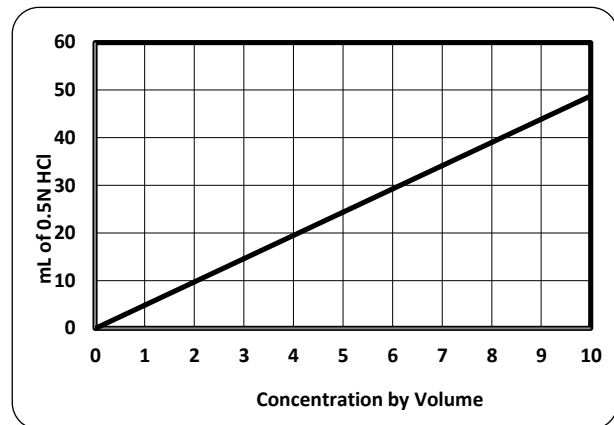
Dropper Method:

Dropper Factor: 0.2

1. Measure 10mL of the in-use cleaner into a small flask using a 5mL disposable syringe.
2. Add 2-4 drops Phenolphthalein indicator to 10mL sample, swirl to mix. Sample should turn a dark pink.
3. Add 0.5N HCl dropwise to until sample turns colorless

Concentration = Drops of 0.5N HCl X Dropper Factor

Drops of 0.5N HCl	% Concentration
15	3
20	4
25	5
30	6



Concentration measurement using a refractometer is not recommended.