

Vulclean SK-2288

Vibratory Metal Cleaner

Description

Vulclean SK-2288 is a heavy duty surface cleaner for steel, plastic, brass, copper and aluminum alloys in vibratory and tumbling finishing operations. **Vulclean SK-2288** is formulated to quickly penetrate soils and remove them while providing excellent rust protection for up to 90 days storage indoors

Performance Benefits

- Biodegradable, non-phosphated formula
- Easily automatically metered or fed using pump or injectors
- Excellent rust protection both in-process and storage
- Clean rinsing formula leaves parts clean and free of heavy residues

Recommended Applications & Dilutions

	Concentration	Temperature Range
Immersion	5% to 10%	Ambient to 170°F
Ultrasonic	5% to 10%	Ambient to 170°F
Vibratory	5% to 12%	Ambient to 170°F

Cleaning can take anywhere from 1 to 30 minutes in a tumbling or vibratory operation and depends on the type of soil on the parts. To ensure optimum performance in non-recirculating systems, target 1 gallon per hour of water for every cubic foot of tumbler capacity.

Characteristics

Properties	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Clear, red liquid
Appearance of Dilution	-	Visual	Clear, red liquid
Odor	-	-	Mild
pH (concentrate)	-	-	11.0
Density @ 15°C	lbs/gal	-	9.0
Nitrites	-	-	Yes
Silicates	-	-	No
Phenols	-	-	No

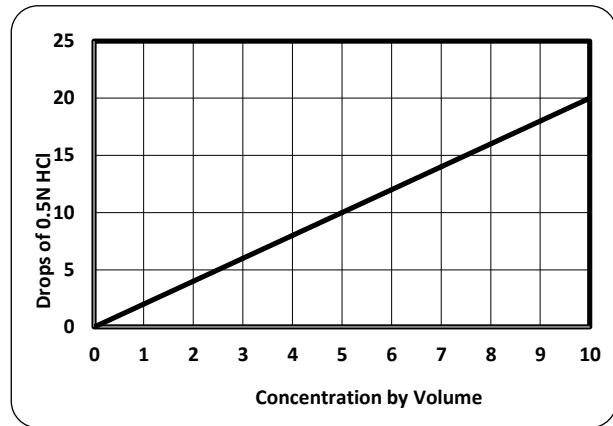
Dropper Method:

Dropper Factor: 0.5

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

Concentration = Drops of 0.5N HCl X Dropper Factor

Drops of 0.5N HCl	% Concentration
8	4
10	5
12	6
14	7



Concentration measurement using a refractometer is only recommended for checking concentration of a new bath or for make-up solutions.