

VIPER

CLEANER FOR VEHICLE EXTERIOR

VIPER is a liquid alkaline cleaner designed for use in pressure wash re-circulating systems.

VIPER low foaming capacity will not adversely /effect separators or holding tanks.

FEATURES & BENEFITS

- No NPEs
- No phosphates
- Low foaming
- Pleasant lemon fragrance
- Compatible with most metallic and non metallic surfaces
- Resists excessive foam development under prolonged agitation



DIRECTIONS FOR USE

Surface to be cleaned Exterior of road vehicles such as trucks, buses, cars, etc.

Soils to be removed Road film, oil, lubricants, grease, dirt, etc.

Use procedure Use **VIPER** as directed. May be used manually or with adequate high-pressure systems. Scour or brush stubborn deposits.

Concentration Max 15:1 dilution with water, depending on type of re-circulating system and amount of soils present.

Use temperature Most effective at 25°C or higher.

Dwell time/Operation time Allow to dwell 3 to 5 minutes before final rinsing.

Mechanical action Scrubbing, high pressure application and rinsing recommended to remove stubborn deposits.

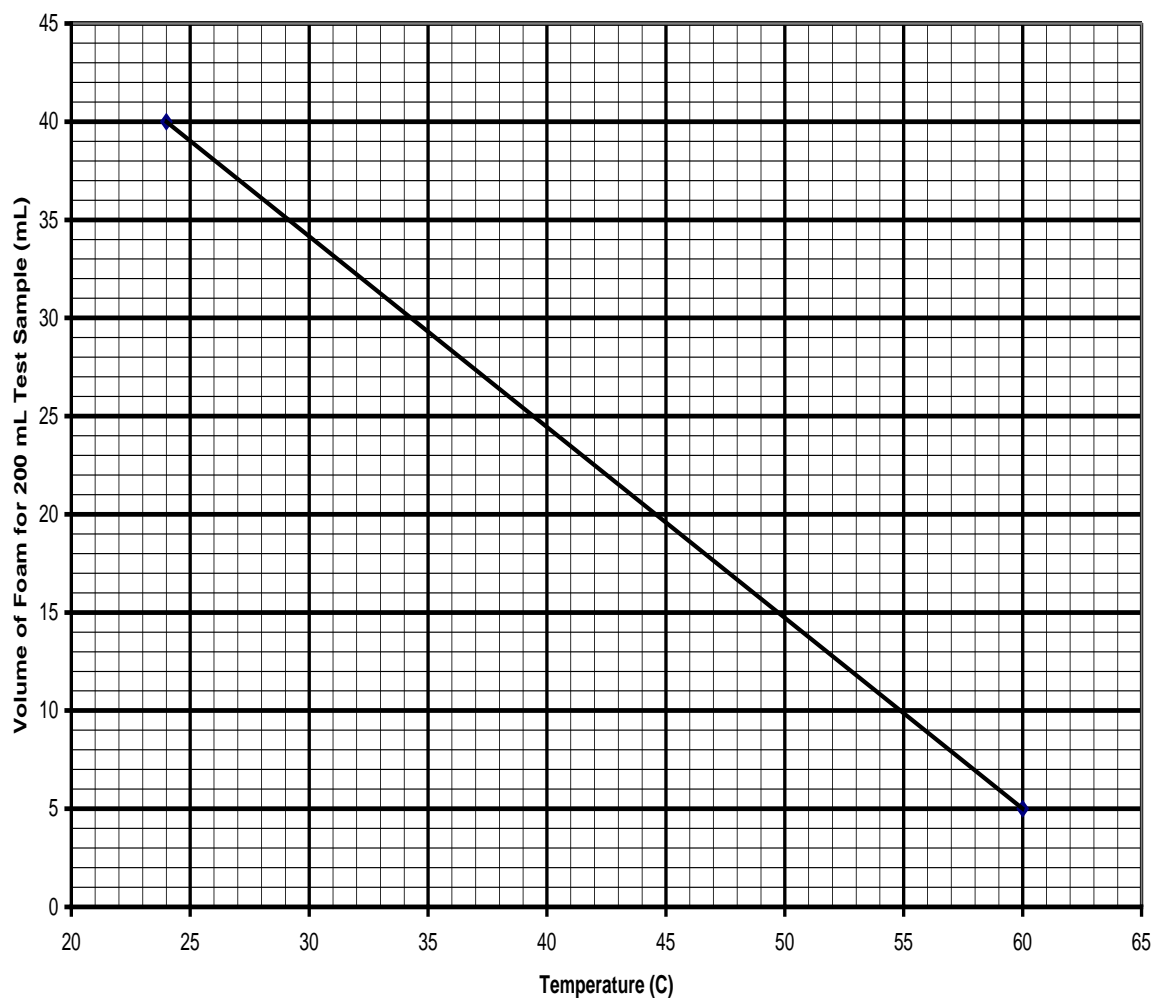
Rinsing High pressure hot water.

Reuse/Recycling Yes.

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Foaming Tendency of Viper at a 15:1 Dilution with Water at Various Temperatures



Under the test conditions indicated above, a 200 mL sample of Viper, diluted 1:15 with water, was agitated at both 24°C and 60°C. The volume of foam accumulated after five minutes of agitation was measured.

At a dilution of 1:15 with water, Viper will produce a maximum of 20% volume per volume of foam which drastically decreases with an increase in temperature.

In both cases, after agitation was stopped, the volume of foam dropped to zero within a 10 minute time period.

Data was accumulated using reference to ASTM Method D892-IP146 Alt.

PHYSICAL PROPERTIES

Appearance	Clear, yellow liquid
Odour	Lemon
Specific gravity @ 20 °C	1.060-1.065
Viscosity	Not available
pH	12.0-13.0
Flash point (TCC)	None
Water solubility	Complete
Boiling point	Approx. 100°C (212°F)
Freezing point	Approx. 0°C (32°F)
Foaming tendency	Low
Rinsing	Excellent
Concentration monitoring techniques	Not available

INCOMPATIBILITY

Strong acids

WAREHOUSING PRECAUTIONS

Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place

AVAILABLE SIZES

			
	20L	205L	1000L

IMPORTANT

Before using **VIPER**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

FIRST AID MEASURES

Ingestion

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.

Skin contact

Wash with plenty of water. If skin irritation occurs, get medical advice/attention.

Inhalation

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel concerned or unwell.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

PERSONAL PROTECTION

WHMIS

