



## FS KW 1000

### HIGH PRESSURE/ HIGH TEMPERATURE PARTS CLEANER

**FS KW 1000** is an all-purpose heavy duty cleaner composed of highly active ingredients. It is extremely efficient in cleaning all types of oil and grease residues and is safe to use on ferrous and non-ferrous metals. **FS KW 1000** is best used at temperatures ranging from 140° F to 160° F, especially in high pressure spray booths, or applications with high agitation. **NOTE:** Below 140° F, **FS KW 1000** will create excessive foam. **FS KW 1000** is also capable of performing very well at room temperatures where agitation is not part of the washing process (floor scrubbers, mopping, spray & wipe, etc.).

**FS KW 1000** is unique in that it has a moderate pH when diluted, further enhancing the safety of the product when compared with other caustic cleaners. **FS KW 1000** also contains a very good rust inhibitor, so short term protection is available and flash rust should not occur. **FS KW 1000** is generally used by diluting in water at ratios of 10:1 to 20:1. A 5 gallon pail of **FS KW 1000** will make 100 gallons of parts cleaner at 20:1.

#### TYPICAL PHYSICAL PROPERTIES:

Appearance	Clear Water White Liquid
Specific Gravity @ 25C	1.10
Refractive Index Concentrate	18.75
pH @20:1 in Tap Water	9.5-10.5
Flash Point C.O.C.	None
Solubility 2% in Tap Water	Complete
Foaming Tendencies above 60°C (140 F)	Very Low
Rinsibility	Good
Weight per Gallon	9.1 lbs.
Rust Protection	Pass
Freeze Thaw Cycle	Stable, Do Not Freeze

#### APPLICATION DILUTION RATES:

**NOTE:** FS KW 1000 may be checked with a refractometer when the product is at room temperature, or titrated for exact concentration levels.

High Pressure Washers: 10:1 to 30:1 depending upon soils

Dilution:	5:1	10:1	15:1	20:1	30:1	40:1
Refractometer						
Reading:	4.0	2.0	1.3	1.0	0.67	0.5

**STORAGE/ MIXING:** Cleaners should be stored at room temperatures (between 55-90 deg. F). Should concentrates be exposed to temperatures out of this range, the concentrate needs to be mixed well prior to use. Product may become unstable/split, if exposed to extreme temperatures. Always add concentrate to water while mixing, or run concentrates through a proportioning unit.

**HEALTH AND SAFETY:** Refer to Safety Data Sheet for more information.

**Warranty:** Because conditions of use are beyond our control no representation or warranty is made in connection with the use of this product. Technical information and recommendations are believed to be accurate but are not guaranteed.

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