



# TECHNICAL DATA

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## 332 TURBO RED<sup>®</sup> CLEANER CONCENTRATE

**Turbo Red<sup>®</sup> Cleaner Concentrate is the latest generation in cleaner technology.**

Turbo Red<sup>®</sup> Cleaner Concentrate represents a giant leap in cleaner technology. Designed to replace the use of harsh caustics, Turbo Red<sup>®</sup> Cleaner Concentrate cleans like a harsh caustic without the environmental and safety issues.

Traditional cleaners contain a high percentage of water, which is expensive to ship. Turbo Red<sup>®</sup> Cleaner Concentrate is designed so the end user can create a 55 gallon drum of product—referred to as PREMIX. To blend PREMIX, just add two 5 gallon pails (10 gallons total) of Turbo Red<sup>®</sup> Cleaner Concentrate to 45 gallons of water in a 55 gallon drum.

All directions refer to using PREMIX at given ratios. ***This concentrated product must be diluted as directed prior to use.***

For extreme cleaning, the Turbo Red<sup>®</sup> Cleaner Concentrate is used at the given ratios.

Turbo Red<sup>®</sup> Cleaner Concentrate or the PREMIX should be diluted through a drum or wall mounted proportioner to provide the proper cleaning solution.

Turbo Red<sup>®</sup> Cleaner Concentrate will safely and effectively remove grease deposits, dirt, oils, road soils, soot and more. Turbo Red<sup>®</sup> Cleaner Concentrate can provide the proper cleaning solution for trash hauling, over-the-road, mining, construction, farming, commercial and oil refining equipment. Mixed with water, it provides a suitable cleaner for regular cleaning maintenance of floors, engines and more.

Turbo Red<sup>®</sup> Cleaner Concentrate is non-flammable and VOC compliant when diluted according to the following directions:

Product	Dilution Ratio	% <u>VOC</u> Content	California <u>VOC</u> compliant	OTC <u>VOC</u> Compliant (CT, DC, DE, IL, IN, MA, ME, MD, MI, NH, NJ, NY, OH, PA, RI, UT, VA, VT)
<b>332</b>	Straight	10	1:20	1:2.5
<b>PREMIX</b>	10:55	1.8	1:4	No further dilution required

**When diluting Turbo Red<sup>®</sup> Cleaner Concentrate, ALWAYS add this product slowly to water—do not add water to product.**

### TYPICAL PROPERTIES

Specific Gravity 60°F/15°C	1.024
pH	12-13
Appearance	Light red liquid
Odor	Sweet
Total VOC's (% wt)	<10.0

**NOTE: This concentrated product must be diluted as directed prior to use. Please follow local, applicable VOC regulations for use. Moderate and preventative cleaning applications allow Turbo Red® Cleaner Concentrate to be diluted as a PREMIX and then diluted again with more water at the appropriate application rates.**

<b>Application</b>	<b>Dilution Ratio</b>	<b>Special Instructions</b>
<b>Locomotives</b>	Hot Water High Pressure Washer 1:10 **	Stubborn soils may require scrubbing with brushes
Pre-treat for corrective cleaning	Pretreat with Low Pressure Application or Foamer 1:6 to 1:8**	Allow 1-2 minutes contact time before removing soils
<b>Refuse Trucks</b>	Hot Water High Pressure Washer 1:32 PREMIX	Stubborn soils may require scrubbing with brushes
<b>Over-the-Road trucks</b>	Hot Water High Pressure Washer, meter at 1:32 with PREMIX solution	Back of tractors, front of trailers, rear door--use brush
Pre-soak to remove bugs	1:10 with PREMIX	
<b>Mining &amp; Construction</b>	Hot Water High Pressure Washer, meter at 1:20 to 1:32 PREMIX	Stubborn soils may require scrubbing with brushes
Pre-treat for corrective cleaning	Foamer, Low Pressure applicator or Pump up sprayer 1:10**	Allow 1-2 minutes contact time before rinsing with Hot Water High Pressure Washer
<b>Oil &amp; Refining Equipment</b>	Hot Water High Pressure Washer, meter at 1:20 to 1:32 PREMIX	Stubborn soils may require scrubbing with brushes
Pre-treat for corrective cleaning	Foamer, Low Pressure applicator or Pump up sprayer 1:10**	Allow 1-2 minutes contact time before rinsing with Hot Water High Pressure Washer
<b>Rental Equipment:</b> aerial work platforms, scaffolding, ladders, forklifts, generators, trenching equipment, etc.	Hot Water High Pressure Washer, meter at 1:20 to 1:32 with PREMIX	Stubborn soils may require scrubbing with brushes
<b>Engines</b>	Foamer, Low Pressure applicator or Pump up sprayer 1:10 with PREMIX	Allow 1-2 minutes contact time before rinsing with Hot Water High Pressure Washer
<b>Uncoated Flooring (Concrete):</b> for corrective cleaning of oils, heavy accumulation of grease and fuel spills	Foamer, Low Pressure applicator or Pump up sprayer 1:10 with PREMIX	Allow 2-3 minutes contact time. Scrub with stiff bristle push broom before rinsing with Hot Water High Pressure Washer.*
<b>Coated Flooring:</b> general purpose cleaning	Mop or Automatic Floor Scrubber 1:64 to 1:128 with PREMIX	Allow 2-3 minutes of contact time if needed.
general purpose concrete cleaning	1:10 to 1:20 with PREMIX	Allow 2-3 minutes contact time. Scrub with stiff bristle push broom or automatic floor scrubber.

*\*Reduction of surface tension will result in imbedded soils 'wicking' to surface. Second application may be required to remove soils.*

*\*\*UNDILUTED product does not meet California CARB VOC content of 0.5% at this ratio. Product must be diluted 1:20 to be compliant*