



# CITRIKLEEN® HD

## Heavy-Duty Solvent Degreaser

### FEATURES/BENEFITS

#### Features

- Biodegradable (after soil release)
- No petroleum or chlorinated solvents
- High flash point - 155°F (COC)
- Effectively removes carbon
- Multiple uses
- Safer than conventional solvents
- Water dilutable
- Cleans a wide variety of soils

#### Benefits

- Cost effective
- Safer for employees to use
- Pleasant to work with
- Effective as many petroleum and chlorinated solvents
- Eliminates need for multiple solvents

U.S. Patent 4,511,488  
Canada Patent 1,222,425

*Citrikleen HD* is available in 6 gallon pails, 55 gallon drums, totes and bulk deliveries.

### Description

*Citrikleen HD* is a patented blend of a natural hydrocarbon solvent (non-petroleum), carbon removers and surfactants. It is specifically formulated to dislodge and reduce carbonaceous soils, gelled oils and grease masses into easily rinsed particles to leave a clean surface. Requiring no heat, *Citrikleen HD* has a pleasing odor and high efficiency. Permitted to stand overnight, oils, greases and carbonaceous particles will rise to the top of the tank and may be skimmed off.

### Directions for Use

*Citrikleen HD* may be used concentrated at ambient temperatures in immersion tanks, or at various dilution rates with water, depending on soil conditions.

Soils	Water Dilution	Immersion Time
Grease & Carbon		
Light	1:4 to 1:20	30 minutes
Moderate	1:2 to 1:10	2 to 4 hours
Heavy	1:1 to 1:2	Overnight or longer
Solidified Grease	1:1 to 1:2	1 to 4 hours, depending on severity of soil. Some agitation may be required.
Gelled Oils	1:1 to 1:5	30 to 90 minutes. Mild agitation will reduce tank time.
Specialty Lubes	1:1 to 1:12 with mild agitation	4 hours to overnight

### Properties

Physical Form	clear, golden liquid
Odor	citrus-pine
pH (as received)	11.0 ±0.5
Specific Gravity	0.95
Weight Per Gallon (liter)	7.9 lbs., 0.95 Kg.
Flash Point (C.O.C.)	155°F, 68°C
Fire Point (C.O.C.)	185°F, 85°C
Stability	+30°F to 190°F, -1°C to 88°C
Solubility In Water	excellent
Rinsability With Water	excellent
Biodegradable	100% after soil release
Metal Safety	test on nonferrous alloys, zinc and cadmium-plated substrates before use

**IMPORTANT:** Before using *CITRIKLEEN HD*, always be sure to read and follow warnings and directions for use appearing on the product container label, MSDS and applicable current technical manual. (Feb04)