

GENERAL PRODUCT



Citrikleen®

Biodegradable, Water-Soluble Solvent Cleaner

FEATURES/BENEFITS

Biodegradable
No petroleum hydrocarbons
Non-chlorinated
Water soluble
Pleasant odor
Patented formula
Reduces hazardous waste
User friendly
Superior cleaning
Economical
Eliminates the need for many solvents

U.S. Patent 4,511,488

Canada Patent 1,222,425

Citrikleen is available in 5 gallon pails, 55 gallon drums, totes, and bulk deliveries.

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Designed for Petroleum and Chemical Plants Quickly and Easily Cleans...

Plant Machinery	Floors & Walls	Bits
Pumps & Piping	Forklifts	Valves
Cranes	Conveyors	Motors
Mobile Equipment	Concrete Pads	Rigs
Cracking Towers	Filters	

Description

Citrikleen is a patented, biodegradable, water-soluble, heavy-duty cleaner/degreaser formulated with a non-petroleum organic solvent and multi component surfactant emulsifier system to achieve superior cleaning and degreasing capabilities. Used in concentrated form or at various water dilution rates, *Citrikleen* will rapidly penetrate and lift the widest range of petroleum, animal and vegetable based oils, fats and greases, which are then easily removed by water rinsing. The oily contaminants in used *Citrikleen* solutions, left in a still tank or holding pond after cleaning, will rise to the surface and separate. This oil may be removed by top skimming. The remaining bottom layer is a biodegradable, reusable liquid cleaning solution which can be easily disposed of in accord-once with local and/or governmental regulations if no longer needed.

Properties

Physical Form.....	clear, amber liquid
Odor.....	citrus
pH (as received).....	10.4
Specific Gravity.....	0.97
Weight per Gallon (Liter).....	8.0 lbs (0.97 Kg)
Flash Point, COC.....	155°F, 68°C
Fire Point.....	175°F, 79°C
Solubility in Water.....	forms milky emulsion
Rinsability with Water.....	.excellent
Biodegradable.....	100% after soil release
Viscosity (Brookfield Spindle No. 1, 60 rpm).....	approx. 18 cps
Metal Safety.....	safe for use on most metals



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Typical Use Directions (also see product label):

<i>Surface</i>	<i>Problem Soils</i>	<i>Water Dilution</i>	<i>Method of Application</i>
Mill housings, shovel sticks, trucks, mill stands, floors, oil cellars	Heavy grease, oils, carbonized deposits, tar, lubes	1:1 to 1:10 or undiluted	Use coarse spray, foam on or apply by brush. Rinse with water.
Automotive parts, engines, housings, transmissions, all metal parts	Heavy grease, oily deposits	1:2 to 1:20	Spray or brush on, or use in a cold tank dip. Rinse with water.
Waste treatment plants, wet wells & walls, lifts stations	Waste fats, grease, oils, odor sources	1:1 to 1:5	Spray on using coarse spray under normal or low pressure. Allow 10-15 minutes dwell time. Water rinse before surface dries.
Industrial plant flooring	Heavy greases, oil, rubber marks	1:10 to 1:30	Spray, mop or brush on or use power/vacuum scrubber with pickup.
Parts washing	Heavy greases, oil, rubber marks	1:3 to 1:20	Use cold in recirculating dip tanks. Rinse with water or dry rag wipe.
Cracking Towers	Distillation soils	Inject with steam at 150 psi and 350°F	Specialized application. Consult your Penetone representative.

CAUTION: *Prolonged immersion may attack certain aluminum alloys. Test before using.*

IMPORTANT: *Before using Citrikleen, always be sure to read and follow warnings and directions for use appearing on the product container label and MSDS.*