

# CitraKlean Clear

Technical Data Sheet

## All Purpose Concentrated Cleaner and Degreaser (Dye-Free Formula) - Powerful Ultrasonic Cleaner

An excellent cleaner for tenacious oils and greases. A great alternative to toxic petroleum solvents, chlorinated solvents, and caustics.

### Description:

NuGeneration Technologies' CitraKlean Clear is a natural liquid cleaner, formulated with the natural solvent derived from orange peels. CitraKlean Clear offers environmental compatibility, user safety and low cost for disposal for heavy duty cleaning of all surfaces. CitraKlean Clear is an excellent cleaner for tenacious oils and greases, and a great alternative to toxic petroleum solvents, chlorinated solvents and caustics.



### Characteristics:

CitraKlean Clear was formulated to be effective at cleaning in a broad range of applications. Effective on: Engine degreasing, road tar removal, brake dust, white walls, dashboards, plastic, vinyl and carpets, tools and machinery, motors, cabinets, oil stains, benches, concrete floors, tile floors, keyboards, copiers, printers, computer housings, desk tops, furniture, metal and wood cabinets, porcelain, stainless steel, appliances, countertops, grills, copper, chrome, tubs, shower stalls, medicine cabinets, toilet bowls, water spots, oils, greases, grass stains, ring-around-the-collar, work uniforms, general laundry pre-soak, etc. When run at 140 °F (60 °C) in ultrasonic cleaning applications, removed oils pop to the surface where they can be coalesced and removed, greatly extending bath life. CitraKlean Clear does not attack metals, and contains robust corrosion inhibitors for mild steels and Aluminum, making it a one of a kind, true, multi-metal cleaner. Product can be rinsed away or allowed to flash dry when run at at 140 °F (60 °C) in ultrasonic cleaning

### Directions for Use:

CitraKlean Clear is effective at ambient temperatures and normally used at 1.5 to 100% by volume of water. The parameters can vary due to the type and extent of soils to be removed. Use at full strength for heavy duty cleaning of grime, oil and soot, or as a pre-wash for fabrics. Use at 1:1 ratio for heavy soils and kitchen grease on grills, vents, stoves and countertops. Use at 1:8 ratio for spot cleaning on carpets and upholstery, food stains, coffee, sodas, crayon or lipstick stains. Use at 1:32 ratio for general purpose cleaning. Use at 1:64 ratio for use in carpet cleaning machines and power washers for vehicles, aluminum siding, windows, etc. Use at 1:5 to 1:10 for ultrasonic cleaning applications.

## Product Benefits

- Works on a broad range of soils
- Environmentally friendly formula, biodegradable
- Excellent foaming and residue-free rinsing properties
- Non-hazardous, low disposal costs

## Gasket & Polymer Compatibility

Material	Compatibility
CPVC	1
Epoxy	1
Kel-F (PCTFE)	1
Kynar (PVDF)	1
Nylon	1
Phenolic	1
Ryton (PPS)	1
Teflon	1
Viton (FKM)	1
Buna-N (NBR)	2
Cycolac (ABS)	2
PVC	2
Polyethylene	1
Polypropylene	1
Natural Rubber (NR)	2
Neoprene	1
Nitrile	1
Tygon	1

**COMPOUND COMPATIBILITY RATING**

- 1 - Satisfactory
- 2 - Fair
- 3 - Unsatisfactory

## Metals Compatibility

Material	Compatibility
Aluminium	Compatible
Cast Steel	Compatible
Monel	Compatible
Brass	Compatible
Copper	Compatible
Nickel	Compatible
Bronze	Compatible
Hastelloy	Compatible
Stainless Steel	Compatible
Carbon Steel	Compatible
Inconel	Compatible
Tantalum	Compatible
Cast Iron*	Incompatible
Incoloy 825	Compatible
Titanium	Compatible
Ti6Al4V	Compatible
Zinc	Compatible
Zinc Plating	Compatible
Galvanized Surfaces	Compatible
Magnesium**	Incompatible

# Physical Properties



## Physical Properties

Use concentration	1:64 to Full Strength
Use concentration (ultrasonics)	1:20 to 1:10
Bulk Density	8.5 lbs/gal
Operating Temps	Ambient to 140 °F (60 °C) in ultrasonic cleaning
pH, Concentrate	10.5
pH, @5%	10.0
VOC (Concentrate)	111 g/L
Flash Point	None
Chelates	No
Soluble in water	Complete
Biodegradable	Yes
Corrosive	No
Hazardous Waste?	No

**Availability:** 5-gallon and 55-gallon containers, 275-gallon totes and bulk tankers.

**Shipment:** Non-regulated material, liquid

**Storage:** Keep out of direct sunlight. Keep from freezing. Store between 40 ° F - 120 °F.

**Disposal:** Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: [info@nugentec.com](mailto:info@nugentec.com).

**Regulatory:** This product is classified and labeled according to the Globally Harmonized System (GHS).

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### EMERGENCY OVERVIEW:

This product may cause irritation to the skin and eyes. May cause an allergic skin reaction.

### SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.