

ULTRAGREEN™ SERIES

Eco Friendly Cleaning Solutions



About Ultragreen™ Series

In the **Ultragreen™ Series**, we offer a line of non-toxic industrial and household cleaning solutions that is safe to health and the ecosystem.

Our products are made of ingredients drawn from natural products that are non-toxic, readily biodegradable, phosphate free, and with no ill effect on human and animal health.

We continuously strive and research for new ingredients and technologies to be tested, re-tested for new formulas using resources available to us. We are pleased to launch our **Ultragreen™ APC** (All Purpose Cleaner) and **Ultragreen™ Laundry Detergent**.

Ultragreen™ All Purpose Cleaner

About Ultragreen™ APC

Ultragreen™ APC is a bio-based, non-toxic and non-hazardous degreasing cleaner. It keeps surfaces clean longer than other cleaning products without the need for pre-heated water, and ensures no residue clean up which saves about half of the cleaning time.

It is highly concentrated and does not react with other chemicals. It is also 100% safe for direct skin contact and does not contain any harmful elements to human health. With ingredients from natural raw materials, **Ultragreen™ APC** is mild, highly soluble and readily biodegradable. It is an eco-friendly solution for safe cleaning and degreasing. (Compliance: RoHS, Green Label)

Unique features:

- ❖ Non-streaking on glossy surface
- ❖ Non-filming and non-stress cracking on hard cleaned surfaces
- ❖ Non-corrosive with excellent detergency to synthetic surfaces
- ❖ Excellent wetting, dispersing and interfacial tension reduction properties for increase soil removal
- ❖ Highly soluble and effective for use in a variety of industrial and institutional liquid cleaning system or laundry machines

Benefits

- ❖ Satisfy criteria as a Green Label product
- ❖ Reduce environmental regulatory liability
- ❖ Made from renewable resources
- ❖ Ozone friendly
- ❖ No rinsing is required
- ❖ Odor and fragrance free
- ❖ Do not harm fabrics or metals
- ❖ Reduce health risks to public & employees
- ❖ Do not react with other type of chemicals
- ❖ Safe to use on all surfaces
- ❖ Gloss retention

- ❖ Reduce or completely eliminate the use of solvents (alcohols, glycol ethers) without loss of performance
- ❖ Cost savings compared to systems containing solvents
- ❖ Very versatile due to the non-ionic nature of the surfactant

Technical Details

Active Ingredients:

Alkyl Polyglycosides.....	30% ~ 55%
Inert Ingredients.....	Balance

- ❖ Proprietary Blend
- ❖ Flash Point: >220 °C
- ❖ Odor: Mild
- ❖ Boiling Point: >100 °C
- ❖ Freezing Point: <0 °C
- ❖ Specific Gravity: 1.100
- ❖ Solubility: 100 %
- ❖ PH: 7 @100%
- ❖ Appearance: Light Yellow

Ultragreen™ APC is bio-degradable and free of:

- ❖ Non bio-degradable complexing agent, eg EDTA
- ❖ APEO (alkyl phenol ethoxylate)
- ❖ Chlorine bleaching solution
- ❖ Quaternary ammonium salts

Areas of Application

- ❖ Industrial : ISO-tank cleaning, oil & gas pipeline cleaning & degreasing
- ❖ Rig cleaning, machinery workshop degreasing, tank cleaning in between production batch, oil mixing facilities
- ❖ F&B : general kitchen cleaning, dish-washing machine, floor cleaning
- ❖ Institutional : commercial laundry machines & liquid cleaning systems
- ❖ Shipping & Marine : deck cleaning, machine room cleaning, general cleaning

Application Direction

1. Dilute prior to use with water from 1:50 to 1:300
2. Gauge result and apply different dilution
3. Degreasing application with heated water will yield better results
4. Washing with agitation like brushing, high pressure jets and mopping will be more effective
5. Store in cool, shaded area below 43 °C after use

Accreditations

- ❖ Qualify as Non-Hazardous, Eco-Friendly Products
- ❖ Granted "Green Label" product by Green Council in Hong Kong
- ❖ RoHS Qualified



Ultragreen™ Laundry Detergent

About Ultragreen™ - Laundry Detergent

Ultragreen™ - Laundry Detergent is an eco-friendly, all-in-one, multi-functional laundry detergent which is ideal for fabric and linen washing, and surface cleaning. A product of colloidal micelle, it comes in liquid forms and contains anti-bacterial, anti-fungal properties and is 100% safe for direct skin contact without harmful effects. It also performs fabric softening functions while providing a layer of coating on fibers and surfaces for protection.

Unique features:

- ❖ Nano-scale Technology effective at low temperature to unlock stubborn stains and dirt
- ❖ Anti-Microbes Properties to kill off bacteria
- ❖ Phosphate Free and Readily Biodegradable!
- ❖ "Concentrated Formula" friendly to Ecosystem!

Benefits

- ❖ Contain antistatic, antibacterial and antifungal properties.
- ❖ Effective in removing non-decomposing biological substances or hard stains.
- ❖ No pre-heated water is required.
- ❖ No water softener is required.
- ❖ Easy to rinse.
- ❖ Do not cause discolouring and fibre-destruction.
- ❖ Do not induce skin allergic reaction.
- ❖ 100% safe for human health and environment.

Technical Details

Ultragreen™ — Laundry Detergent contains bio-based ingredients (Alkyl Polyglycoside) that is made from glucose derived from corn and fatty acid, and fatty alcohols from coconuts and palm kernel oils. Due to its natural chemistry, it is readily biodegradable, non-toxic, totally safe for health and the ecosystem. It contains nonionic surfactant that is effective in removing stains, dirt and grime from linens.

Applications

Ultragreen™ Laundry Detergent can be used for hand wash as well as in all types of washing machines in warm and cold water. This formula can be used in Top Loading and Front Loading machines using the dosage as indicated below:

Hand Wash

- Use dilution rate of 1:60 to 1:150 with water volume depending on condition of stains and soils on linens.
- Soak linens in mixture for about 5 minutes before washing for heavily soiled linens.

Machine Wash

- Water content is usually one-half to one-quarter of machine capacity (1/2 ~ 1/4), please check machine for specific water level.
- Use 20 ml of **Ultragreen™ Laundry Detergent** for every 2 liters (2,000 ml) of water. Dilution rate at approximately 1:100 of water.



Innovation from



Contact us at
solutions@inergicorp.com

OR

Give us a call at **(852) 3102 3192**
Fax: **(852) 3101 9613**

Address:
Room 4002, 40/F, China Online Centre, 333 Lockhart Road,
Wanchai, Hong Kong