



**All-Purpose  
Cleaner /  
Degreaser  
(NSF A-1,  
sanitizer  
optional)**

**Features &  
Advantages**

**Technology  
Highlights**

**Application**

WISE All-Purpose Cleaner/Degreaser is a highly concentrated bio-based product which uses the power of colloidal green chemistry to tackle the most challenging cleaning situations.

WISE All-Purpose Cleaner/Degreaser is an extremely effective cleaning solution, capable of removing all hydro-carbon soils (petroleum derivatives, fats, oils, greases, lipids, proteins, and sugars). When the micelles penetrate into dirt and oils, they break them into billions of little particles that constantly repel each other, making it impossible for them to stick back together or re-deposit on a surface.

Safe for use on any surface including metal, aluminum, fabrics, vinyl, rubber, painted surfaces, and leather.

WISE Food Processing Cleaner can be mixed with alkalis, certain types of salts and acids, and petroleum solvents, in most cases greatly enhancing the effectiveness of these agents. Its rinsing, water softening and cleansing action actually prevents re-deposition of waste onto cleaned surfaces.

This product is readily biodegradable, non-toxic, non-corrosive, non-hazardous, non-caustic, non-flammable, and hypoallergenic.

It does not contain ozone depleting substances, synthetics, terpenes, petroleum distillates, glycol ethers, caustics, builders & reagents, or California Proposition 65 Chemicals.

Micelles are sub-microscopic, electrically charged particles that, when activated in water, repel each other in a ceaseless random movement. Micelles in liquid solution measure only 2 to 4 nanometers in size, 50 to one hundred times smaller than the particles created from typical cleaners and detergents. This small size and their extreme surface-area-to-volume ratio enable the micelles to penetrate complex carbon molecules, and emulsify organic matter.

WISE All-Purpose Cleaner/Degreaser can be used in pressure washers, foamers, steam cleaners, soak tanks, or simply spray and wipe. It can be applied by spray, soak, swab, or steam.

As a wall cleaner, WISE All-Purpose Cleaner/Degreaser does an exceptional job on virtually any surface. It is safe on paint, and will not take the plasticizers out of acrylic type wall coverings and wall papers. For cleaning walls, it is recommended that the washing be done from the bottom up, and the rinsing from the top down. This will eliminate any potential streaking. Use one part WISE All-Purpose Cleaner/Degreaser to 20 parts water and rinse with water.

As a wood cleaner, WISE All-Purpose Cleaner/Degreaser is completely safe with no adverse effects such as spotting, streaking, or raising of the grain. It can be used on doors, desks, tables, furniture, etc. Use one (1) part WISE All-Purpose Cleaner/Degreaser to 20 parts water.

As a metal cleaner, it is excellent for the removal of mill and processing oil. No oil forms on the water, and rinsing is complete. Use in spray wash systems to clean without foaming at a dilution of 1 to 5 to 10 parts water.

WISE All-Purpose Cleaner/Degreaser inhibits rust formation as long as there is a thin film on the metal surface. Apply a thin spray of 1 to 1 dilution for rust prevention.

A potable water rinse is required for all surfaces in sanitary food processing areas.

## WISE All-Purpose Cleaner/Degreaser (cont'd)

### Uses

- Automotive
- Marine
- Janitorial Maintenance
- Manufacturing
- Public Transit
- Restaurant / Kitchen
- Hospitality
- Health Care
- Schools
- Utilities
- Food Processing
- Parts Washing
- Bio Remediation
- Dairy Processing
- Steam Cleaning



### Specifications

**100% BioBased Ingredients**—alkanolamines, amino acids, plant and vegetable extracts, nonionic surfactants, plant based fatty acids and organic alcohol in a base of Colloidal micelles.

**RADIOCARBON C-14 (5/10/04) USDA approved testing:** Meets USDA proposed requirements for product tested at 84 (range 83-91; N=8) Minimum Bio-Based contact n=5.

**CLEAN AIR SOLVENT:** SCAQMD method 313-91 No VOHAP, ODC or GWC detected.

**CARCINOGENICITY:** No ingredients listed by IARC, ACGIH, NTP or OSHA as a carcinogen.

**Flash Point:** None

**Odor:** Faint Odor

**Boiling Point:** 214.4 F

**Freezing Point:** 28.0 F

**Specific Gravity:** 1.001

**Solubility:** 100 %

**PH:** 9.7

**Appearance:** slightly viscous

### Suggested Dilutions

This highly concentrated cleaning solution can be used at dilution as strong as 5:1 or as gentle as 50:1. The following dilutions are general recommendations, adjust as needed:

- **General Cleaning:** For general janitorial, schools, hospitals, homes, general cleaning, pressure washer, vehicle washing, marine & office. Mix 1 part conc. to 20 to 50 parts water.
- **Medium Cleaning:** Mix 1 part conc. to 30 parts water.
- **Heavy Cleaning:** For work areas, oily or badly soiled floors & carpets, manufacturing, food processing areas, heavily stained walls and doors, diesel & gas engines, auto parts, oil & grease, paint stains, dried on food, concrete & brick, grass or plant stains. Mix 1 part conc. to 5 to 10 parts water.

For maximum BOD reduction in effluent streams, use other WISE colloidal products throughout your facility. Visit our website or contact us for recommendations.

### To Order

Fax to 831-728-1753 or call 800-491-9473 for Customer Service  
Visit [www.wisesolutions.net](http://www.wisesolutions.net) or Email [sales@wisesolutions.net](mailto:sales@wisesolutions.net)

Available Size  
Container

1 gal. Bottle	5 gal. Pail	55 gal. Drum	330 gal. Tote

Quantity (min.)