



# All Surface PLUS Probiotic Biosurfactant Heavy Duty Cleaner

## Concentrated Probiotic Cleaner for Commercial Facilities, Equipment & Transport with True Clean Technology™



ZB/AS+/001G

Patent Pending



### Uses:

- Cleaning food processing facilities, areas with heavy soils such as loading docks
- Ideal for cleaning large outdoor exteriors, such as performance / sports arenas
- Cleaning of transport equipment used to move people or freight, including food.
- Can be applied as a spray, or a foam, and works well with pressure washers
- Use daily to maintain a clean, hygienic and healthy environment in for all animal areas,

### Dilution Rates:

- Between 1:10 / 12oz per gallon and 1:64 / 2oz per gallon, depending upon the severity of the soiling.

### Storage & Handling:

- Store away from direct sunlight
- Store between 36°F and 110°F
- Do not allow to freeze

**ALL SURFACE PLUS PROBIOTIC BIOSURFACTANT CLEANER (AS+)** is a cleaning concentrate formulated to address heavy surface soils and fouling associated with commercial facilities, food processing operations, transportation equipment, and areas where there is a heavy soil load.

AS+ cleans thoroughly, often without scrubbing, and dries leaving a layer of probiotic bacteria on the surface. Suitable for application by spraying or foaming. Works well with pressure washing equipment.

Once applied, the healthy bacteria in AS+ remain on all cleaned surfaces, providing long-lasting surface maintenance. The combination of the EPA listed chemicals and the FDA GRAS probiotics result in a cleaning system that cleans down to the microbial level and will maintain a truly clean surface for some time after cleaning. Standard ATP measurements show AS+ maintains clean surfaces up to several days after use – something that even the strongest cleaners and disinfectants cannot claim or demonstrate.

- pH neutral – suitable for all moisture tolerant surfaces
- Composed of EPA 'Safer Choice' listed ingredients
- A proprietary blend of FDA 'GRAS' schedule listed probiotics
- Provides Ongoing Residual Surface Cleaning and Protection
- Disrupts pathogen transmission
- Inhibits Pathogens Re-Colonizing/Re-Populating Surfaces
- Excellent Odor Elimination
- Has all 'zeros' in the OSHA Hazard Diamond

# Benefits of Z BioScience Probiotic True Clean Technology™ As Compared to Conventional Chemistry-Only Cleaners & Disinfectants

Z BioScience's AS+ combines microbiology and chemistry to provide the most advanced, active and continuous level of surface cleaning and hygiene.

The beneficial FDA "GRAS" probiotics in AS+ clean to the microscopic level, whether wet or dry, as they move across surfaces, displacing and replacing unwanted, harmful pathogens.

This process is the scientific principle of Competitive Exclusion in action, and how AS+ disrupts pathogen transmission through occupant interactions with surfaces.

AS+ is non-toxic, and suitable for use around children and animals.



**ONGOING  
SURFACE CLEANING**



**ELIMINATES  
ODORS**



**WORKS WHEN  
DRY & WET**



**SAFE FOR ALL  
MOISTURE TOLERANT  
SURFACES**



**MOVES ACROSS  
SURFACES**



**DISRUPTS  
PATHOGEN  
TRANSMISSION**



**INHIBITS  
PATHOGEN  
RECOLONIZATION**



**SAFE FOR USE  
AROUND PEOPLE  
& ANIMALS**

## Redefining Sustainability in Cleaning

### Environmental + Health Sustainability

**Safe Cleaning:** EPA "Safer Choice" chemistry ingredients mean no harmful chemicals, pesticides, or hazardous ingredients are present in All Surface +, and so no EPA Registration is required.

**Food-Grade Probiotics:** FDA "GRAS" (Generally Recognized As Safe) probiotics that require no cautionary statements, and are safe for use when humans and animals are present.

**pH Neutral:** Safe for all moisture tolerant surfaces.

**Safe to use in the presence of animals and people.**



### Unique Performance Sustainability

**Fast + Effective:** Cleaning with AS+ performs two tasks simultaneously. It first removes surface soils (top rated in university testing), while also leaving behind a protective layer of safe, beneficial probiotics. All this in a single action; Cleaning and Protecting.

**Surface Protection:** The probiotics AS+ introduces to the surface continue to clean long after the surface is dry, as well as inhibiting unwanted, harmful pathogens from repopulating the surface. This ongoing surface cleaning and protection can last for days.

**Active Cleaning:** The probiotics in AS+ can move across surfaces in their ongoing search for microscopic food sources, cleaning deep into cracks, crevices, and missed places as they go, displacing unwanted and harmful pathogens in the process.

**Ongoing Disruption of Pathogen Transmission:** AS+ delivers an abundance of safe, beneficial FDA "GRAS" probiotics to surfaces. These probiotics overwhelm and dominate the surface, displacing unwanted, harmful pathogens; (this is the scientific principle of Competitive Exclusion).

As people and animal touch surfaces dominated with the probiotics delivered by AS+, it is these same safe, beneficial FDA "GRAS" probiotics they carry to other surfaces they touch, not harmful pathogens.



For all inquiries and purchase requests:  
**(217) 253-9010 | [sales@zbioscience.com](mailto:sales@zbioscience.com)**

To learn about ALL the benefits of Z BioScience's line of products, visit: **[zbioscience.com](http://zbioscience.com)**