



## PRODUCT INFORMATION SHEET

# Bio-Green

## AUTO DISHWASH POWDER

### PEROXIDE BOOSTED

FORMULATED FOR EFFECTIVE STREAK FREE CLEANING  
POSITIVE SPARKLING RESULTS

#### SPECIAL FEATURES:

- ✓ Readily Bio-degradable
- ✓ Phosphate free
- ✓ Low sudsing formula
- ✓ Septic safe - designed to be used in conventional septics, waste water treatment plants and grey water systems
- ✓ Grey water safe - breaks down into nutrients that are safe for the garden
- ✓ User friendly - no poisons, no corrosives, no known allergens
- ✓ Low VOC (Volatile Organic Carbon)
- ✓ Aromatic Lemon Oil
- ✓ Hydrogen Peroxide - bleaches stains, sanitises, deodorises

“**BIOGREEN AUTODISHWASH POWDER**” is a modern automatic dishwash powder formulated for use associated with septics and waste treatment plants. Traditional chlorine based dishwash powders and tablets put stresses on such biological systems. A peroxy salt is included to generate hydrogen peroxide as an active oxygen bleach, stain remover, deodorizer and sanitizer.

“**BIOGREEN AUTODISHWASH POWDER**” has been prepared from select ingredients that have been carefully chosen to maximize both ecological and operator safety.

**CONTAINS NO PHOSPHATES, NO MINERAL ACIDS, NO ADDITIONAL PRESERVATIVES, NO POISONS OR BIOLOGICALLY “HARD” INGREDIENTS.**



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### DIRECTIONS:

- **“BIO-GREEN AUTODISHWASH POWDER”** is a commercial strength product – highly concentrated – for optimum results, follow recommended usage directions.
- Safe to use on most surfaces.
- Refer to manufacturers recommendations for washing leaded crystal items, coloured aluminium pots and pans, hand painted chinaware and silverware.
- Pack dishes facing spray jets.
- Fill detergent dispenser to indicated level according to make, or use 2 – 3 dessert spoons of powder into machine.

### INGREDIENTS:

*Washing Soda, peroxide salt, sodium citrate, non-ionic wetting agents, sodium polycarboxylate, lemon oil.*

### BIODEGRADABILITY:

The surfactants used in **“BIOGREEN AUTODISHWASH POWDER”** are readily biodegradable according to Australian Standard AS 4351.

Made in Australia by an Australian owned company.

### HEALTH AND SAFETY :

- This product is classified as HAZARDOUS (Irritant) according to criteria of SAFework AUSTRALIA.
- This product is classified as HAZARDOUS, according to the criteria of GHS
- This product is NOT classified as Dangerous Goods.
- This product is NOT classified as a Scheduled Poison according to the SUSDP.

**Signal Word:**

WARNING

**HAZARD STATEMENT:**

Causes skin irritation

Causes serious eye irritation.

### **HAND & SKIN CARE:**

Always wash hands and skin with plenty of water after handling. People with sensitive skin should avoid prolonged contact with the powder or should wear protective gloves.





### FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre (phone 131126).

For more information, the SDS (Safety Data Sheet) is available for this product.

### PHYSICAL AND CHEMICAL PROPERTIES :

SPECIFICATION	TYPICAL VALUES
APPEARANCE	white uniform powder
ODOUR	Fragrant
ACIDITY	mildly alkaline
pH	10.5 @ 50% sol'n
FOAM HEIGHT	low
PHOSPHATES	None present
BIO-DEGRADABILITY	Readily biodegradable
SURFACTANT TYPE	Nonionic
SOLUBILITY	Complete in water

### GREY WATER USE:

Grey water regulations vary from state to state and it's important to be aware of local state and council rules. Grey water is household waste-water from the bathroom, hand basin, shower, and laundry.

The components of cleaning products most likely to cause problems are phosphorus, salinity, sodium, and pH.

**P – Phosphorus:** Small amounts of phosphorus can be useful for plants, and it's a major component of fertiliser. When it gets into waterways, however, it can cause excessive algal growth, leading to toxic algal blooms. The effect on your soil is varied depending on your soil type. Clay soils can deal with more phosphorus because the phosphorus binds to clay minerals and doesn't leach away. On sandy soils, excess phosphorus can leach into groundwater. Australian soils are typically low in phosphorus, and some native species can't tolerate high levels.

**Salinity:** All laundry detergents contain salts, typically sodium salts such as sodium nitrate, sodium sulphate, sodium phosphate and sodium silicate. Laundry detergents are generally highly saline, and frequent long-term use would likely harm your garden, unless it was spread over a large area.



**Na- Sodium:** Sodium in the salts is particularly detrimental not only to plants, but soils. It affects the soil's permeability and causes a loss of structural stability.

**pH :** Laundry detergents are generally highly alkaline (that is, have a high pH): a pH higher than 10 helps dissolve organic dirt, such as grease, oils and food scraps. Strong mineral acids like conventional toilet bowl cleaners cause very low pH. Most biological systems prefer a pH between 6 and 9, and grey water with a high pH or low pH is likely to harm many plants and soil organisms.

**BIOGREEN AUTO DISHWASH POWDER** has been designed to be 'grey water safe' – it breaks down into nutrients that are safe for the garden. It is low in sodium, is free of phosphate, and has a mild pH (10.5 @ 50% in water).