



CUSTOM CHEMICALS INTERNATIONAL PTY LTD
103-107 Potassium Street
Narangba 4504
Queensland , Australia
Telephone Number: +617 3204 8300
Facsimile: +617 3204 8311

PRODUCT INFORMATION SHEET

BIO-GREEN ALL PURPOSE CLEANER

SPECIAL FEATURES

- Readily Bio-degradable
- Phosphate free
- Septic safe – designed to be used in conventional septic, waste water treatment plants, and grey water systems
- Grey water safe - breaks down into nutrients that are safe for the garden (< 0.5% Sodium)
- Plant derived essential oils: Eucalyptus and Orange oils
- User friendly – no poisons, no corrosives, no known allergens
- Low VOC (Volatile Organic Carbon)

**CONTAINS NO PHOSPHATES, NO POISONS OR
BIOLOGICALLY 'HARD' INGREDIENTS.**

DESCRIPTION:

The ideal multipurpose liquid cleanser, formulated to clean a multitude of soils encountered on a variety of surfaces. Contains natural eucalyptus oil and citrus oil to boost solvency and provide refreshing aroma. The product is harmless to all surfaces and rinses streak free for a sparkling clean. Prepared from ingredients that have been carefully selected to maximize both ecological and operator safety.

DIRECTIONS:

“**BIO-GREEN ALL PURPOSE CLEANSER**” is safe to use on most surfaces compatible with water. Use to clean walls, shelves, bench tops, tiles, stainless steel, floors, etc.





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Spray n Wipe applications:

Dilute 1:20 with water (dilute 25ml of BIOGREEN to 500 ml with water). Spray on, wipe off with clean cloth.

General cleaning:

20 – 100 ml per 10L bucket of warm/hot water.

Stubborn soils:

Reduce the dilution factor, or use product undiluted.

INGREDIENTS:

Water, anionic wetting agents, nonionic wetting agents, ethanol, sodium citrate, orange oil, eucalyptus oil, food dyes.

BIODEGRADABILITY:

The surfactants used in **BIOGREEN ALL PURPOSE CLEANSER** are readily biodegradable according to Australian Standard AS 4351.

Made in Australia by an Australian owned company.

HEALTH AND SAFETY :

- **NOT classified as hazardous, according to the criteria of Worksafe Australia.**
- **NOT classified as Dangerous Goods.**
- **NOT classified as a scheduled poison.**

Risk: None allocated.

Safety: None allocated.

HAND & SKIN CARE:

After washing, rinse and dry hands thoroughly. People with sensitive skin should avoid prolonged contact with the washing solutions or should wear protective gloves.

FIRST AID:

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

For more information, the Material Safety Data Sheet is available for this product.





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PHYSICAL AND CHEMICAL PROPERTIES :

SPECIFICATION	TYPICAL VALUES
APPEARANCE	Transparent aqua liquid
ODOUR	Citrus/eucalyptus
ALKALINITY	Mild
pH	8.5 – 9.0 neat
FOAM HEIGHT	low – medium
SODIUM (Na)	< 0.5% w/w
PHOSPHATES	None present
BIO-DEGRADABILITY	Readily biodegradable
SURFACTANT TYPE	Nonionic/anionic
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.





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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 ALL PURPOSE CLEANER has been designed to be 'grey water safe' – it breaks down into nutrients that are safe for the garden. It contains less than 0.5% sodium, is free of phosphate, and has a mild pH (8.5 – 9.0).

