

# Kemsol Green

Don't just talk Green.  
*Be Green.*



0800 KEMSOL | [kemsol.co.nz](https://kemsol.co.nz)

# The Kemsol Green Range

Environmentally responsible “green” products are increasingly popular and are a result of our drive to transition towards more sustainable manufacturing processes and safer products.

Kemsol Green demonstrates our commitment to green cleaning, a process that incorporates “green chemical products” but also aims to reduce waste, energy consumption and workers’ exposure to chemicals.

Kemsol Green products are proven to be environmentally responsible, being safer for your workplace, staff, and customers.



Eco Choice Licensed

Kemsol Green products that display the Eco Choice Aotearoa ecolabel prove their environmental performance. They have been rigorously assessed and licensed as sustainably preferable, making them a better purchasing decision for your work place, staff and customers.

So, how can you be more proactive? A “green audit” will help integrate the right products into your business to ensure an environmentally responsible solution.

All Kemsol Green products are septic tank safe.

Just ask Kemsol about going green.



KG01



## SHAMPOO

Hair and Body Wash

A gentle, everyday shampoo that is soft on hair and gentle on skin. The smooth creamy lather cleans hair without drying the scalp and leaves a soft floral fragrance. Septic tank safe, when used as directed.

|            |                                  |
|------------|----------------------------------|
| APPEARANCE | Viscous Pearlescent White Liquid |
| FRAGRANCE  | Floral Perfume                   |
| pH         | 6.5 (@100%)                      |

MPI APPROVED C52

### REORDER

5Lt FK-SHAMPOO05  
20Lt FK-SHAMPOO20



KG09



## ROOM FRESH

Floral Deodoriser

Two-stage odour control that neutralises and leaves a lingering floral fragrance. Immediately attacks malodour molecules including decaying garbage, cooking odours, smoke, animals, body odours and bathroom/toilet areas. Septic tank safe, when used as directed.

|            |                         |
|------------|-------------------------|
| APPEARANCE | Clear Colourless Liquid |
| FRAGRANCE  | Floral Perfume          |
| pH         | 6.5 (@100%)             |

### REORDER

Spray Applicator BK-ROOM1  
5Lt FK-ROOMFRF05  
20Lt FK-ROOMFRF20



KG04



## SWIFT

### Manual Dishwashing Detergent

General purpose, biodegradable manual dishwash detergent for everyday use on all kitchen utensils, glassware, crockery pots and pans. Septic tank safe, when used as directed.

|            |                      |
|------------|----------------------|
| APPEARANCE | Viscous Green Liquid |
| FRAGRANCE  | Citrus               |
| pH         | 7.0 (@100%)          |

#### REORDER

Flip Cap Applicator  
5Lt  
20Lt

BK-KSWT01  
FK-SWT05  
FK-SWT20



KG03



## SPRING CLEAN

### Cleaner Detergent Concentrate

Mild pH multi-purpose cleaner for a wide range of hard surfaces, including polished floors, walls and benches. Septic tank safe, when used as directed.

|            |                     |
|------------|---------------------|
| APPEARANCE | Clear Purple Liquid |
| FRAGRANCE  | Spring Floral       |
| pH         | 9.0 (@100%)         |

#### REORDER

Spray Applicator  
5Lt  
20Lt

BK-KSPC01  
FK-SPC05  
FK-SPC20



KG08



## TWIRL

### Concentrated Liquid Laundry Detergent

Biodegradable laundry liquid for everyday use on a wide range of garment and clothing types, including synthetic and natural fibres. Septic tank safe, when used as directed.

|            |                           |
|------------|---------------------------|
| APPEARANCE | Viscous Colourless Liquid |
| FRAGRANCE  | Fresh Perfume             |
| pH         | 11.0 (@100%)              |

#### REORDER

5Lt  
20Lt

FK-TWL05  
FK-TWL20



KG07



## TOP NOTCH

### Multipurpose Cleaner

Degreaser and heavy-duty cleaner for the tough cleaning jobs including heavily soiled floors, walls, benches and most degreasing applications. Septic tank safe, when used as directed.

|            |                  |
|------------|------------------|
| APPEARANCE | Clear Red Liquid |
| FRAGRANCE  | No Fragrance     |
| pH         | 11.25 (@100%)    |

#### REORDER

Spray Applicator  
5Lt  
20Lt

BK-KTOPN01  
FK-TOPN05  
FK-TOPN20



## A testament to recycling success

Kemsol Green containers are made in New Zealand from **100% recycled plastic** collected around New Zealand.

Kemsol Green recycled bottles proudly display an array of colours\* because they are the outcome of a successful recycling process. As different types of plastic materials are reclaimed and reprocessed, they blend harmoniously to create distinctive variations.

*\* Please note that the colour of the product bottle you receive may vary from the images shown in our catalogue.*

*The Kemsol Green product bottles come in an array of colours that cannot be predicted or selected in advance because they depend on the different sources of plastic materials entering the recycling system.*

KG05



## REFLEXION

### Glass, Mirror & Windows

A ready-to-use, quick-drying eco-focused window and glass cleaner concentrate. Septic tank safe, when used as directed.

|            |                   |
|------------|-------------------|
| APPEARANCE | Clear Blue Liquid |
| FRAGRANCE  | No Fragrance      |
| pH         | 10.0 (@100%)      |

#### REORDER

Spray Applicator BK-KREFLO1  
5Lt FK-REFLO5  
20Lt FK-REFL20



KG02



## NEPTUNE

### Toilet Cleaner

A high-viscosity ready-to-use toilet bowl and washroom cleaner. Cleans and deodorises. The thick flowing formula means longer contact time and the pleasant fragrance, leaves toilets clean and fresh. Septic tank safe, when used as directed.

|            |                      |
|------------|----------------------|
| APPEARANCE | Viscous Green Liquid |
| FRAGRANCE  | Lavender Perfume     |
| pH         | 2.0 (@100%)          |

#### REORDER

Press Cap Applicator BK-KNEP01  
5Lt FK-NEP05  
20Lt FK-NEP20



KG06



## VIBE

### Perfumed Flowing Hand Soap

A smooth, soft and creamy lather that cleans hands well and has exceptional skin conditioning properties. Septic tank safe, when used as directed.

|            |                      |
|------------|----------------------|
| APPEARANCE | Viscous Green Liquid |
| FRAGRANCE  | Floral Perfume       |
| pH         | 6.5 (@100%)          |

#### REORDER

5Lt FK-VIB05  
20Lt FK-VIB20



NEW

KG13



## OXY-CLEAR

### Oxygen Powered Cleaning Gel

Multifunctional cleaner-sanitiser that helps to maintain hygienic surroundings without having a negative impact on the environment. When diluted it can be used on a wide range of surfaces. Used straight it clings to toilet bowls or urinals and provides maximum results. Septic tank safe, when used as directed.

|            |                           |
|------------|---------------------------|
| APPEARANCE | Viscous Colourless Liquid |
| FRAGRANCE  | No Fragrance              |
| pH         | 5.50 (@100%)              |

#### MPI APPROVED C101-87

#### REORDER

Flip Cap Applicator BK-OCTP01  
5Lt FK-OCTP05  
20Lt FK-OCTP20



NEW

KG14



## CUMULUS

### Laundry Powder

For brilliantly clean and fresh garments, formulated with our beautiful planet in mind. Suitable for front and top loaders. Septic tank safe, when used as directed.

|            |                  |
|------------|------------------|
| APPEARANCE | White Powder     |
| FRAGRANCE  | Fresh Floral     |
| pH         | 11.03 (@1% soln) |

#### REORDER

5KG FK-CMLP05



NEW

KG15



## GLINT

### Rinse Additive

Leaves washed surfaces spotless, streak free and aids the drying process. For best results use with Gleam dishwashing powder or Salus auto dishwashing liquid. Septic tank safe, when used as directed.

|            |                   |
|------------|-------------------|
| APPEARANCE | Clear Blue Liquid |
| FRAGRANCE  | No Fragrance      |
| pH         | 2.60 (@100%)      |

#### REORDER

5Lt FK-GLRA05  
20Lt FK-GLRA20



NEW

KG11

**GLEAM****Automatic Dishwash Powder**

Powerful surface-safe, powdered detergent for use in automatic dishwashers. Removes all residues, including protein from cutlery, glassware and crockery, leaving items sparkling clean. Prevents haze, water spotting and streaking. Septic tank safe, when used as directed.

|            |                  |
|------------|------------------|
| APPEARANCE | White Powder     |
| pH         | 11.25 (@1% soln) |

**REORDER**

5KG FK-GLDWPG05



NEW

KG10

**BIO URINAL BLOCKS****Deodorise and Sanitise**

Designed for use primarily to clean and deodorise urinals. It introduces non-pathogenic microbes which consume odour-causing bacteria. Also breaks down the build-up of uric salts that constrict the flow of wastewater through pipes. Septic tank safe, when used as directed.

|            |                 |
|------------|-----------------|
| APPEARANCE | Off-White Solid |
| FRAGRANCE  | Lemon           |

**MPI APPROVED C32****REORDER**

4KG BI-BIOUB04



NEW

KG12

**SALUS****Auto Dishwashing Liquid**

Concentrated non-caustic auto dishwash detergent. Unique formula suitable for a wide range of surfaces, cutlery, crockery, glassware, china, stainless steel and synthetic items. May be used also as a safe heavy-duty soaking agent for aluminium components. Septic tank safe when used as directed.

|            |                         |
|------------|-------------------------|
| APPEARANCE | Clear Colourless Liquid |
| FRAGRANCE  | No Fragrance            |
| pH         | 12.75 (@100%)           |

**REORDER**5L FK-SADL05  
20L FK-SADL20

## How we manufacture sustainably

### By using raw materials



Our founder began sustainable manufacturing by successfully using sugar-based raw materials in contract manufactured cleaning products. A world first – right here in NZ!

### By optimising energy use



We monitor our energy use and look at opportunities to reduce it or gain maximum benefit via economies of scale in production.

### By recycling



We do our part by recycling plastic, paper, metal and glass. Customers are also welcome to send us empty containers for recycling.

### By saving water



We have a rainwater catchment system used for the washing of mixing vats and to wash out containers to be re-used or recycled.

### By minimising waste



Our new Kemsol Green recycled bottles help reduce waste going to landfills. We also compact waste to reduce rubbish truck trips, and consequently, vehicle traffic.



**Management Team**  
Jason, Angela, Terry



**Founding Chemist**  
Peter Vaughan

Thanks for taking the time to consider Kemsol products – you won't be disappointed. Kemsol is a well-known and trusted brand from Chemical Solutions Ltd, a Kiwi owned and operated leader in cleaning and sanitising products. Kemsol products are high quality and purpose formulated.

Chemical Solutions is an early adopter of 'green' formulation strategies, and as a result, Kemsol's packaging is designed for safe and efficient use, labelling is clear, accurate and compliant, and where possible, components are produced with recycled and recyclable materials. For over 30 years Chemical Solutions has been delivering consistently on customer-focused promises. The specialised team behind the Kemsol brand is available to answer questions and to provide training – ensuring product is delivered in the safest, most cost-effective, and environmentally responsible manner possible.

**By using Kemsol products you are helping take care of your staff, customers and the environment – this forward-thinking approach was part of the vision of Kemsol's founding chemist, Peter Vaughan.**

## Kiwi Innovation

In the early 80's, Pete thought that a New Zealand-made range of commercial products, made with safer ingredients and outstanding performance, were as good, if not better, than other local and imported multi-national products – and he was right. A self-taught chemist, Pete worked hard from basic premises, with just a concrete mixer and a half-built shed in South Auckland – singlehandedly formulating, testing, manufacturing, packaging and dispatching to the market. As demand for product increased, his adopted sons stepped in, and helped raise Pete's awareness to use even safer raw materials to help better protect the health of his working family, and ultimately the health of all end users. This core value automatically extended to better environmental practices and stronger responsibility:

- Raw material selection was now based on biodegradable research and properties.
- Manufacturing processes were refined to reduce waste.
- Packaging selection was based on recyclable considerations.

This ethos continues today.

The late 80's presented economic challenges, and by good fortune Pete met Terry Morris, who was at the time looking to invest in a scalable manufacturing business with export potential, and a formidable team emerged.

With the shared ethic of hard work, strong family values, and environmentally responsible manufacturing, Chemical Solutions has grown into one of New Zealand's largest privately-owned cleaning product manufacturers, distributing nationally, exporting to the Pacific and beyond.

## Kemsol Today

Kemsol products are proudly manufactured at Chemical Solutions' modern, purpose-designed facilities at Airport Oaks, Auckland. The inhouse laboratory continues to provide research and development on sustainable raw materials and innovative products, as well as facilitating stringent batch testing for all manufactured product.

A team of technical specialists maintain a fully equipped research and development laboratory to produce safe, effective, and biodegradable formulations, that have a focus on protecting the environment. 40% of the production plant's water requirement is served from rainwater collected on site. Where possible, raw material packaging is re-used and non-recyclable waste packaging is compacted, reducing landfill and other associated impacts. All pallets are recycled, product labels are removable to assist in recycling processes, and finished goods packaging is fully recyclable. More recently most of the Kemsol range has moved to 100% recycled and recyclable containers, further reducing industry waste.

Creating quality chemicals  
for a cleaner environment.



# ENVIRONMENTAL RESPONSIBILITY

TRAINING & RECYCLING

BIODEGRADABILITY

ECNZ LICENSING

SUSTAINABILITY

## Our goals are to:

- ✓ Release no gases, water or environmental pollutants from manufacturing processes
- ✓ Formulate and produce products based on raw materials derived from sustainable sources
- ✓ Reduce water consumption by utilising captured rainwater
- ✓ Recycle as much as possible from manufacturing processes
- ✓ Reduce waste to landfill
- ✓ Optimise energy consumption

Through our activities, products and processes, we have many impacts on the environment. One of our core business values is to minimise impacts and continually improve our environmental performance.

## Environmental Initiatives

- **Kemsol** was the first chemical manufacturing plant in New Zealand to achieve Test Location Certification under the HSNO Act. The current office, warehouse and manufacturing plant has been designed to further minimise potential environmental risks.
- **Manufacturing & Operations Teams** continually upgrade processes and systems to reduce and recycle waste water, and minimise electricity usage. The latest initiative is the commissioning of larger liquid blending and powder mixing facilities that are energy efficient and reduce waste water. Approximately 40% of all production water is from rain water, collected on site.
- **Formulation Policy** commits to developing products that work efficiently and offer minimal risks to end users, staff and the environment. Products are based on raw materials from sustainable sources, such as surfactants derived from coconut oil and corn syrup.
- **Packaging Initiatives** include, but are not limited to:
  - Finished product packaging being reusable and recyclable
  - Raw material steel drums being recycled
  - Utilising non-permanent adhesive labels
  - Sourcing packaging from recycling programs, where possible
  - Recycled shipping pallets, and ensuring all pallets are re-used
  - An extensive range of concentrated and ultra-concentrate products

This is only a start. We continually strive for better environmental performance.

