

Product Information

ENVIROCARE

One shot, laundry concentrate powder – environmentally friendly, phosphate free.

Description

Until recently, traditional washing powders have only been effective in hot water washing. The introduction of synthetic fibres, greater use of coloured textiles and the need to reduce energy costs (wash temperature and time) are all factors in driving wash temperatures lower.

ENVIROCARE offers a new phosphate free technology that allows efficient performance on all fabric, colours and whites in cold water washing with the added advantage of dual bleaching power and chemical disinfection, from a single product.

At Chemform we care about the environment, our community and your safety by providing environmentally responsible products. The CHEMFORM GREEN range of products provides performance, quality and safety, as well as environmental sustainability by meeting our strict criteria:

- 1. Products containing detergents must use only those classified as readily biodegradable.**
- 2. Whenever possible, products made from plant based renewable resources are selected.**
- 3. Our CHEMFORM GREEN range contains no phosphates, oil-based hydrocarbons, chlorine, chlorinated hydrocarbons, carcinogens, alkyl phenol ethoxylates or heavy metals.**
- 4. Our CHEMFORM GREEN range is safe to use. Products must be classified as non-hazardous and non-dangerous.**
- 5. Industrial degreasers will be quick-breaking according to our stringent definition.**
- 6. Waste will be minimised as we believe that the biggest environmental burden on the Earth is waste. All packaging used in the CHEMFORM GREEN range is recyclable, and can be returned to Chemform for processing.**

For more information visit www.chemform.com.au/green

If you care about the environment continue to choose CHEMFORM GREEN!

Features and Benefits

- Wash Cycle times are reduced which has the added benefit of reducing water, energy, labour and increasing laundry efficiency.
- ENVIROCARE meets the performance criteria of AS/NZS 4146:2000 for chemical disinfection in laundries, even at temperatures as low as 20°C. Refer overleaf for test results summary.
- ENVIROCARE reduces water consumption in the wash cycle and reduces the number of discharges which helps protect our waterways and environment.
- ENVIROCARE cleans, brightens, bleaches and disinfects in a single operation.
- ENVIROCARE contains new generation additives and bleach activators which swiftly remove soils and oil stains from synthetic fibres and cottons.

- ENVIROCARE restores brightness to whites and coloureds. ENVIROCARE removes stains gently, yet thoroughly and eliminates the need of a separate bleach cycle.
- ENVIROCARE is a concentrated product which contains no inert fillers.
- ENVIROCARE can eliminate the need for cumbersome liquid feed systems in commercial laundries.
- ENVIROCARE does not contain harsh chemicals and is safe to use on delicate drip-dry and permanent press fabrics.
- ENVIROCARE is a low foaming product – the suds level is controlled to minimise rinse cycles and save water.

Use Directions

ENVIROCARE may be used on cottons and synthetics, coloured and whites. It should not be used to treat woollens.

General recommendations are:-

(a) Domestic Washing Machines

Top loading type : Add 1 scoop per load
 Front loading type : Add ½ scoop per load

(b) Commercial Laundries

Light/Medium Wash : Add ¼ scoop of ENVIROCARE per kg
 Heavy Wash : Add ½ scoop of ENVIROCARE per kg

Safety Information

Refer to our product safety information sheet (PSIS) for more information or consult your Chemform representative for further assistance.

Packages

10 kilogram cartons

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CERTIFICATE OF ANALYSIS
MICROBIOLOGICAL EFFICACY TESTING

PRODUCT: CHEMFORM'S ENVIROCARE LAUNDRY POWDER

AIM: To determine the disinfection efficacy of the product on laundering fabric via different commercial processes.

METHOD:

1. Fabric swatches were provided by Pro Micro, inoculated with E.Coli.
2. The fabric swatches were washed via a **front loading machine (Wascator)** and **top loader (Speed Queen)** with Envirocare at the lowest application rate of 10g of Envirocare per 1 kg dry load of linen, at varying temperatures, including cold water.
3. The laundered fabric swatches were then analysed for E.Coli and the results compared to the unlaundered swatch (control).

RESULTS:

Lab #	Product	Temp	Rate	Wash Time	Machine	Before Laundering E. Coli CFU/cm ²	After Laundering E. Coli CFU/cm ²	AS4146:2000 Criteria *
PO822820	Envirocare	50°C	10g/kg	10 min	Wascator	3.4x10 ⁹	Nil	PASS
PO822821	Envirocare	30°C	10g/kg	10 min	Wascator	3.4x10 ⁹	Nil	PASS
PO822822	Envirocare	20°C	10g/kg	10 min	Wascator	3.4x10 ⁹	Nil	PASS
PO826614	Envirocare	40°C	10g/kg	10 min	Speed Queen	3.4x10 ⁹	Nil	PASS
PO826613	Envirocare	30°C	10g/kg	10 min	Speed Queen	3.4x10 ⁹	Nil	PASS
PO826612	Envirocare	20°C	10g/kg	10 min	Speed Queen	3.4x10 ⁹	Nil	PASS

* Based on AS4146:2000, the acceptance criteria is an aerobic bacterial plate count of less than 1 microorganism/cm²

Authorised:

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