

Product Information

SUPERWET

Long term soil wetting agent

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!

Description

Many gardeners having to work with sandy soils may have experienced problems in wetting the soil. Thus, water sprinkled onto the dry surface will form a ball and remain on the surface of the soil rather than soak into it. Such soils are called “water repellant”. Lawns, pastures and crops grown on these soils are patchy and unattractive. The use of SUPERWET on such soils neutralizes their water repellant nature and allows the water to penetrate deeply.

Officers of the Department of Agriculture at Bunbury, conducted tests on the ability of certain chemicals called “wetting agents” to improve the wetness of water. They found that many of the chemicals they tested actually made the soil more water repellant! A small group of wetting agents tested increased the wetting power of the water and made very water repellant soils behave as if they were water-attracting soils. Even more remarkably, they found that a very small fraction of the wetting agents tested, seemed to somehow coat the soil and transformed the soils into water-loving soils. These wetting agents were classified as Category 1 Wetting Agents. Department of Agriculture scientists have tested SUPERWET and have passed it as a Category 1 Wetting Agent.

The Department of Agriculture scientists tested how long it would take for a given quantity of water to penetrate a very water repellant soil and disappear from view. Water treated with a very small amount of SUPERWET disappeared into the soil ten times faster than ordinary tap water.

Not only did SUPERWET make water very wet, the actual depth of penetration was ten times deeper. Water penetrated deeply to where the roots of lawns and crops could use it.

Features and Benefits

- Developed in Perth, for use in water repellent soils.
- SUPERWET has been passed as a Category 1 soil wetting agent by the Department of Agriculture.
- Unlike other wetting agents, SUPERWET is easily soluble in water. It does not settle out and cannot result in over-dosing or under dosing.
- SUPERWET is a concentrated product containing 90% active material.

Applications

As most of the coastal strip of south west Western Australia is sandy, water repellency in these sandy soils is common. The use of wetting agents to increase the penetration of water into the soil is most desirable.

SUPERWET may be used to increase soil wetting, water effectiveness and water conservation in the following areas:-

- Domestic lawns & gardens
- Tennis courts
- Pot plants, hanging baskets
- Golf greens and fairways
- Playing fields
- Nurseries
- Parks & Gardens
- Hospital Grounds
- Bowling greens
- Market gardens & Orchards

Use Directions

Domestic Lawns, Golf Greens, Tees, Lawn Courts & Bowling Greens

Apply 500 mL of Superwet to 100 square metres early in the season. Superwet should be diluted with 100 parts of water. Water in thoroughly. If condition persists, repeat procedure again four weeks later.

Fairways, Athletic Fields, Parks

Apply 25 to 50 litres of Superwet per hectare per year, ideally at the start of the season.

Greenhouses, Nurseries, Hanging Baskets, Pot Plants

Most prepared soil mixes contain peat, sawdust and sandy soil. This mixture becomes impervious to water once allowed to dry out. Superwet, used at 20 mL per 10 litres of water will overcome this problem. Repeat after 16 weeks if required.

Market Gardens

Apply 50 litres of SUPERWET diluted 1:100 with water per hectare.

Trees & Shrubs

Drench soil with a solution prepared from 20 mL of Superwet in 10 litres of water, preferably before planting.

CAUTION

Superwet should only be prepared via a broad sprinkling system such as a watering can. Always water in thoroughly after dosing.

Safety Information

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

Packages

2x5L, 20L and 205L containers