



**TASMAN CHEMICALS**  
"Tasman trusted products"

*Technical innovation and  
excellence in performance*

## PRODUCT INFORMATION SHEET

Re-Issue Date: 01/12/2020  
Page 1 of 4

# DELTAWET 1000

AGRICULTURAL WETTING AGENT



**Active Constituent : 1000 g/L ALCOHOL ALKOXYLATE**

### Description

**DELTAWET 1000** is a clear liquid which has been formulated for use as an agricultural wetting agent. **DELTA WET 1000** is a speciality blend of non ionic surfactants specifically formulated for use with agricultural chemicals for increasing spray coverage.

### Application

**DELTAWET 1000** is a multi-purpose product that improves the efficacy of agricultural chemical spray applications by minimising losses and enhancing penetration. To minimise losses resulting from spray droplet drift **DELTA WET 1000** also enhances penetration of herbicides and foliar fertilizers. Always read the label and use only as directed.

### Features and Benefits

- ❖ Manages droplet size ; and
- ❖ Improves penetration of herbicides and foliar fertilizers.
- ❖ Rapid penetration which is both deep and lateral (high spreading action) to ensure the herbicide has maximum contact on the foliage in the shortest possible time;
- ❖ Improved wettability at lower concentrations to provide a more cost efficient system;
- ❖ Improved cold storage properties – does not gel below 0 degrees;
- ❖ Excellent solubility in very cold water (i.e. 3-5 degrees). Dissolves instantly without the need of prolonged agitation, i.e. no gelling occurs during the mixing process; Improved stability in hard water conditions making it suitable for a diverse range of water quality including bore water;
- ❖ Highly concentrated; and
- ❖ Fully biodegradable.

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied. Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.



## PRODUCT INFORMATION SHEET

Re-Issue Date: 01/12/2020  
Page 2 of 4

# DELTAWET 1000

## AGRICULTURAL WETTING AGENT

### Biodegradability

There is an Australian Standard for biodegradability whereby a specified percentage of a product must decompose into its' constituent parts within a designated timeframe. Many wetting agents are sold as biodegradable when they simply are not.

Historically a group of surfactants known as nonyl phenol ethylene oxide condensates were used as agricultural wetters. This use stemmed from their excellent performance in wool scouring applications. These raw materials whilst cheap and abundant were not compliant with biodegradability standards. They have continued to be used, and much of the wetter sold cheaply has this type of surfactant as its' feedstock.

In more recent times new generation surfactants based on linear alcohol ethoxylates have been used as the basis of agricultural wetting agents. These straight chain molecules are far more easily broken down in the environment and eliminate the risk of bioaccumulation as occurs with the cheaper nonyl phenol style product. They comply with the standard for biodegradability, and are regarded as "soft" in environmental terms.

### Concentration

The "1000 " in the Deltawet product name refers to its' designated level of active ingredients in grams per litre terms. There are many budget style wetters sold claiming to be 1000 g/l active. When tested they do not meet their claimed levels of actives, in many cases having been diluted with water to meet a price point. Performance in these instances is severely compromised. Some product tested has been found to be as low as 80 % in actives when the label claim has been 100 % active terms.

### Dispersion

Most wetters will contain ingredients which allow for the rapid and even dispersal of the wetter into aqueous solutions over a broad temperature range. Many tank mixes will be prepared in the early morning when the water temperature can be close to zero. Some poorly formulated wetters will "glug" in the conditions and not mix or disperse into solution. **Deltawet 1000** has additives which assist the rapid dispersal of the wetter into solution across a range of temperature conditions.

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied. Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.



## PRODUCT INFORMATION SHEET

Re-Issue Date: 01/12/2020  
Page 3 of 4

# DELTAWET 1000

## AGRICULTURAL WETTING AGENT

### Directions For Use

SITUATION	STATE	RATE	CRITICAL COMMENTS
<b>General Herbicide Sprays</b> High Volume Power Spray Low Volume Boom Spray Misting Machines Knapsack	All States	10 mL / 100L 40 mL / 100L 5 mL / 100L 2 mL / 100L	DELTAWET 1000 Agricultural Wetting Agent should be added only where directed on individual label, as use with selective herbicides outside label directions may reduce crop selectivity
<b>Soil Residual Herbicides</b>		100 - 400 mL / 100L	Rates will vary depending on products used. Consult product labels for individual recommendations
<b>Contact Herbicides :</b> (e.g. paraquat, diquat ) not containing a surfactant High Volume Power Spray Low Volume Boom Spray		120 mL / 100L 120 mL / 100L	For maximum efficiency of this herbicide a higher rate of DELTAWET 1000 Agricultural Wetting Agent must be used to ensure even and thorough coverage of plant foliage and to increase absorption. This is particularly important for killing grasses and tall, dense vegetation
<b>Contact Herbicides :</b> (e.g. paraquat, diquat ) containing a surfactant High Volume Power Spray Low Volume Boom Spray		60 – 120 mL / 100L 60 – 120 mL / 100L	Add DELTAWET 1000 Agricultural Wetting Agent where the dilution rate is very high. Use the application rate recommended on the pesticide product label
Fire Fighting Water Tanker Knapsack		5 – 10mL / 100L 2 mL / 15L	Vary dilution rate according to spray volume. Use according to dilution rates on product label

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied. Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.



**TASMAN CHEMICALS**  
"Tasman trusted products"

*Technical innovation and  
excellence in performance*

## PRODUCT INFORMATION SHEET

Re-Issue Date: 01/12/2020  
Page 4 of 4

# DELTAWET 1000

## AGRICULTURAL WETTING AGENT

### Directions For Use ( con )

#### GENERAL INSTRUCTIONS

**DELTAWET 1000** is suitable for incorporation with most herbicides unless otherwise stated on label. Enhances herbicide activity by increased absorption, wetting and spray coverage.

#### MIXING

Half fill the tank with water. Add the required quantity of TASMANS **DELTAWET 1000** and agitate. Add the recommended quantity of agricultural chemical and top up the tank with water while continuing to agitate the mixture.

### Packaging

◆ 5 Litre polyethylene drums ◆ 20 Litre polyethylene drums ◆ 200 Litre polyethylene drums

### Health Hazard Information

See separate Health and Safety Data Sheet, available on request

### APVMA Approval No

49444 / 0902

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied. Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.