



## Product Information Sheet

Issue Date: 3/3/04

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# DELTA LIPRO 700

## Agriculture Wetting Agent

### DESCRIPTION

DELTA LIPRO 700 is a clear amber brown with a pronounced acidic odour. DELTA LIPRO 700 can be used where the addition of a wetter/spreader or self emulsifying oil is required or recommended on the agricultural chemical label.

### APPLICATIONS

DELTA LIPRO 700 is a unique multi-purpose product that improves the efficacy of agricultural chemical spray applications by minimising losses and enhancing penetration.

To minimise losses resulting from alkaline hydrolysis and spray droplet drift DELTA LIPRO 700 also enhances penetration of herbicides and foliar fertilizers. Always read the label and use only as directed.

### ADVANTAGES

- Minimises losses resulting from alkaline hydrolysis
- Manages droplet size (registration pending); and
- Improves penetration of herbicides and foliar fertilizers.

### BENEFITS

- Enhances the performance of certain insecticides(e.g dimethoate) and fungicides (e.g iprodione) in alkaline conditions;
- Produces fewer driftable spray droplets, reducing the risk of off-target movement (registration pending);
- Enhances performance of weak acid herbicides including 2,4-D and glyphosate in non-selective situations; and
- Makes foliar nutrients such as zinc, manganese, nitrogen, potassium, and phosphorus more effective by enhancing uptake through leaf cuticles.

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 Pty Ltd*

*Victoria: 1-7 Bell Grove, Braeside 3195 Ph: 61-3-9587 6777 Fax: 61-3-9587 5255*

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### DIRECTIONS

#### **Mixing**

Half fill the spray tank with water and commence agitation. Add the required quantity of DELTA LIPRO 700 then add the recommended quantity of herbicide, insecticide or foliar fertilizer. Continue agitation while topping up the tank and during spraying.

#### **Penetration and Wetter**

DELTA LIPRO 700 is a multipurpose adjuvant which is composed of natural surfactants and penetrants derived from soyabean oils. These are combined with propionic acid to produce a penetrant, surfactant, acidifier for use with herbicides, insecticides, fungicides, foliar fertilizers and plant growth regulators. The unique properties of DELTA LIPRO 700 enhance the uptake of many systemic herbicides, allowing them to effectively penetrate into leaves, without causing damage to non-target crop plants.

#### **Acidification**

DELTA LIPRO 700 also acts as an acidifier which will reduce pH, in most cases between 4 and 5. This reduces losses due to alkaline hydrolysis and also assists with the uptake of weak acid herbicides.

#### **Droplet Size Management**

Delta DELTA LIPRO 700 will reduce the number of fine droplets (<150 micron) produced by CP and flat fan nozzles, without increasing the number of large spray droplets (>400 micron). This is a useful feature to help reduce off-target movement of the pesticide being used.

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### DIRECTIONS FOR USE

Not for use with sulfonylurea herbicides

Situation	Application Rate	Critical comments
<b>Weedkilling Sprays</b> General use  Hairy or waxy leaves eg Nutgrass Hard to wet leaves eg Couch  Very cold conditions Dry dusty situation	100-200ml / 100L  300-500ml / 100 L  500ml / 100 L	Delta LIPRO 700 can be used where the addition of a wetter/spreader is required. Delta LIPRO 700 improves penetration on difficult to wet leaves and in tall dense vegetation. The higher rate of Delta LIPRO 700 assists penetration in difficult situations.
<b>Glyphosate, Paraquat and 2,4-D</b>	250-500ml / 100L	Delta LIPRO 700 is particularly beneficial with these herbicides to ensure even coverage of plant foliage and to increase absorption.
<b>High pH or Hard Water</b> To reduce the loss of efficacy caused by high pH or hard water	100ml / 100L	Addition of Delta LIPRO 700 to the spray tank will adjust the pH to 3.5-5 which will overcome the degrading effect of alkaline hydrolysis caused by water with a high pH. Pesticide breakdown will be reduced and spray activity will be maintained.

### PACKAGING

- |         |                      |
|---------|----------------------|
| ▪ 5lt   | Polyethylene Bottles |
| ▪ 10lt  | Polyethylene Bottles |
| ▪ 20lt  | Polyethylene Drums   |
| ▪ 200lt | Polyethylene Drum    |

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