

ORION
GROUP PROTECTION

synergyTM

getting the job done better 

LOW DRIFT

Reduces spray drift and volatilisation by
encapsulating spray droplets

5 Litres

PLEASE READ THE LABEL COMPLETELY BEFORE USE

WARNING

Harmful to aquatic organisms.

PRECAUTIONS

STORAGE: Keep out of reach of children. Store in the original container in a secure place.

PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of spray mist. When mixing or applying, wear overalls, boots, gloves, and eye protection. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

DISPOSAL: Dispose of this product only by using in accordance with this label. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill.

ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur.

Emergency Response

In a transport emergency call **111, Police or Fire Brigade.**

For specialist advice in an emergency only, call **0800**

CHEMCALL (0800 243 6225) (24 hrs).

Spillage

Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone 0800 ORIONCP (0800 674 6627) or visit www.orioncp.co.nz.

CAUTION: This product should be used with caution as it can increase the risk of non-target crop damage. Carefully check the primary product label for compatibility and directions for use. Any directions given on the primary product label will take precedence over directions given on this label. Pay particular attention to statements or warnings relating to the addition of oils or surfactants. Do not use with captan, carbaryl, chlorothalonil, dinocap, dodine, lime sulphur or sulphur. Do not apply Synergy Low Drift within 14 days of applying treatments containing these products. Synergy Low Drift may change the level of crop selectivity for some herbicides. Care should be taken where there is no previous experience of use with a

particular primary product or on a particular crop (in which case a test area should be sprayed initially to determine the potential for phytotoxicity). Particular care should be taken if applying in hot or humid conditions.

Active Ingredients: 850 g/l vegetable oil. Also contains 8% alkyl phenol ethoxylate.

WARRANTY

This formulation is warranted to contain the specified ingredient(s) within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

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Net Contents: 5 Litres

LOW DRIFT

Batch No.

Date of manufacture



GENERAL INFORMATION

Synergy Low Drift is a spray optimiser that reduces spray drift by regulating the size of spray droplets and reducing the amount of fines. Synergy Low Drift also improves performance by enhancing wetting and spray coverage. Synergy Low Drift can also be used for encapsulation of crop protection products, acting as a protective seal. This increases rainfastness, and reduces the effects of volatilisation and photo-decomposition.

RATES OF APPLICATION

a) SPRAY DRIFT CONTROL

Application Method	Rate of Synergy Low Drift
Handgun	200 ml / 100 litres
Knapsack	20 - 30 ml / 10 litres
Boom, CDA, ULV, Aerial	1% of total spray volume

b) ENCAPSULATION

Use Synergy Low Drift at half the rate of the primary crop protection product, i.e., if the rate of primary product is 1 litre per hectare, use Synergy Low Drift at 0.5 litre per hectare.

MIXING

a) SPRAY DRIFT CONTROL

Add product to partly filled spray tank after the addition of the primary product. Maintain agitation through filling and spraying.

b) ENCAPSULATION

Emulsifiable Concentrates and Soluble Concentrates:

Mix the required amount of primary product and Synergy Low Drift in a bucket or measuring cylinder. Ensure that they are well mixed, and add to the partly filled spray tank. Maintain agitation through filling and spraying.

Dispersible Granules and Wettable Powders:

Mix the required amount of granule or powder with a small quantity of water into a thick slurry. Add the required amount of Synergy Low Drift, mix, then add to the partly filled spray tank. Maintain agitation through filling and spraying.

Caution: Synergy Low Drift can encapsulate most formulations; Emulsifiable Concentrates – e.g., 2,4-D (e.g., Thistle Killem™ Ultra), Picloram/Triclopyr (e.g., Triumph™ Brushkiller); Soluble Concentrates – e.g., glyphosate, MCPA 750; Granules or Powders – e.g., metsulfuron-methyl (e.g., Rival™ Clear), etc. However, not all crop protection products will be encapsulated by Synergy Low Drift. It is recommended that a small mix is tried first to evaluate compatibility.

