

SHIPPING NAME: FLAMMABLE, LIQUID, N.O.S
UN NUMBER: 1993
PACKING GROUP: III



24 Hour
Emergency Response
0800CHEM CALL
0800 243 622

Registered pursuant to the ACVM Act 1997, No. P5122
HSNO Approval Code HSR000513

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Batch No.:
DOM:

140mm wide

HSNO Class: 3.1C, 6.1D, 6.3B, 6.4A, 6.5B, 6.8B, 6.9B, 9.1A, 9.2A, 9.3C

Approved Handler Applies

This product must be under the control of an approved handler or secured.

ENVIRONMENTAL WARNING: VERY TOXIC TO AQUATIC ORGANISMS. VERY TOXIC TO THE SOIL ENVIRONMENT. HARMFUL TO TERRESTRIAL INVERTEBRATES. DO NOT apply to bodies of water. DO NOT contaminate sewers, drains, dams, creeks or any other waterways with product or empty container.

HEALTH WARNING: HARMFUL - MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. May cause sensitisation to the skin and eye irritation. Avoid eye or skin contact and inhalation. High doses from repeated oral exposure may cause reproductive/development damage and lung damage.

PRODUCT DISPOSAL: Ensure unwanted product is used by another operator strictly in accordance with label directions.

CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Submit clean empty container for recycling through Agrecovery. If this is not possible, burn if permitted and circumstances, especially wind direction permit, otherwise bury in landfill.

HANDLING PRECAUTIONS: When mixing or applying, wear protective clothing, gloves and goggles. Do not eat drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after work. Flush spray equipment thoroughly with clean water after use.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Do not store or use near sources of ignition. This product is classified under HSNO as 6.1D and 9.1A, and storage of certain quantities may require bunding and signage. See the HAZNOTE for further information.

When stored appropriately this product should show no significant degradation for 2 years. Contact your supplier for further information about the use of any product that is older than this.

FIRST AID: If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

EXCLUSION OF LIABILITY: PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Elliott Technologies Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

PRODUCT INFORMATION

TWIN-STAR contains two herbicides, fluroxypyr and ioxynil, and is active against cleavers and certain other broadleaf weeds. **TWIN-STAR** has been developed in a low-dose, repetitive treatment regime. **TWIN-STAR**, when applied in up to 4 sprays at 7 – 10 day intervals, will control wireweed, cleavers, and young red and white clover, and suppress volunteer potatoes, in onions from the 2 true leaf stage onwards.

TWIN-STAR is a partially systemic, foliage acting material having little or no effective soil activity. Treated weeds distort and collapse showing severe wilting and leaf scorch and often exhibit excessive new root growth. If follow up treatments are not made within 10 days, these weeds will recover and grow on normally after the initial check. This scorching increases with each successive application until the weed is totally desiccated. The effect of **TWIN-STAR** is accumulative in the weed giving a growth regulator effect together with a foliar scorch, inhibiting the ability of the weed to grow new leaves and recover from the scorching.

WEEDS CONTROLLED:

TWIN-STAR alone:

Cleavers	Californian thistle (suppression)	Red clover
Seedling docks	Shepherds purse	Volunteer potatoes (suppression)
White clover	Wireweed	

TWIN-STAR plus **BLADEX**^{®1} **90WDG**: (in addition to the above)

Dandelion	Groundsel	Hawkesbeard	Rayless chamomile
Plantain	Annual poa (Suppression)	Twin cress (seedling)	

BEWARE: APPLY THIS PRODUCT CAREFULLY. SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS.

DIRECTIONS FOR USE

MIXING: Half fill the spray tank with water and add the required amount of **TWIN-STAR** and complete filling. Agitate continuously to ensure adequate mixing before and during application. Only mix sufficient chemical for each days work.

APPLICATION

Apply in sufficient water to achieve total coverage. **TWIN-STAR** is partially systemic and full coverage is essential to obtain best results.

RECOMMENDATIONS

For the control of cleavers, seedling docks, wireweed, and small red and white clover

Apply **TWIN-STAR** at 600 – 850 ml per hectare. Repeat application at 7 – 10 days intervals until the weeds are killed (up to 4 applications may be required on large wireweed). Use the higher rate if more scorch is required on the weeds. The addition of **BLADEX 90WDG** at 250 g/ha will increase speed of kill and broaden the weed spectrum.

For suppression of volunteer potatoes

Apply **TWIN-STAR** at 600 – 850 ml per hectare. Follow up 7 – 10 days later with a tank mix of **ELLIOTRIL**[™] at 300 – 450 mls per hectare plus **BROWNDOWN**[®] **ADJUVANT** at 250 – 500 ml per hectare. Use the low rate of all products if onions are only 2 true leaf or are very soft.

For control of a wider spectrum of broadleaf weeds

Apply **TWIN-STAR** at 600 – 850 ml per hectare with 250 g/ha of **BLADEX 90WDG** herbicide. Repeat applications may be required on larger weeds at 7 – 10 day intervals. Do not apply to onions earlier than 2 true leaf. Do not add any surfactants and do not apply this mixture in combination with any other herbicides.

GENERAL

1. Apply **TWIN-STAR** only to onions from the 2 leaf stage onwards. Best control will be achieved on small weeds.
2. Do not apply if rain is expected within 1 hour.
3. Under hot dry conditions, some slight scorch and wilting of crop can occur, but these effects are temporary. If possible, avoid spraying in the heat of the day.

Withholding period: 9 weeks.

CLEANING SPRAY EQUIPMENT

Legumes, potatoes, tomatoes and other vegetables are very sensitive to **TWIN-STAR**. After application, empty the tank completely and drain the whole system. Fill the tank with clean water, add **ALL CLEAR**^{™1} **SPRAY TANK DECONTAMINANT** at recommended rates and circulate through the pump, line, hoses and nozzles as directed for decontamination on the **ALL CLEAR** label.

See www.nzfsa.govt.nz/acvm/ for registration conditions.

EL 235

190mm deep

 Dieline

 PMS 485

 Black

195mm wide