



**WARNING Keep out of reach of children. ECOTOXIC  
COMBUSTIBLE LIQUID – KEEP AWAY FROM SOURCES OF IGNITION**

**HSNO Class: 6.1E, 6.3B, 6.4A, 6.9B, 9.1A, 9.2A**

**Approved Handler Applies**

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

**ENVIRONMENTAL WARNING:** toxic to aquatic life. Toxic to fish. 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:** Toxic if ingested, Presumed to cause liver damage from repeated oral exposure at high doses May cause eye and skin irritation.

**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. Recycle through the Agrecovery Programme. 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.

**STORAGE AND DISPOSAL:** Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**SPILLAGE** - In case of spillage, confine spilled product with material such as sand or clay. Dispose of waste as indicated below or according to local Regional Council regulations.

**STORAGE AND HANDLING OF PESTICIDES:** DO NOT allow spilled product to enter sewers, drains, creeks or any other waterways. Keep out animals and unprotected

persons. Vacuum, shovel or pump waste into an approved drum. To decontaminate spill area, tools and equipment, wash with a suitable solution (ie organic solvent, detergent, bleach or caustic) and add the solution to the drums of wastes already collected. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Regional Council by laws.

**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**

**Affinity Force** is a herbicide for the control of certain broadleaf weeds in cereals and grass seed crops. **Affinity Force** is a fast acting contact herbicide and controls weeds through a process of membrane disruption. The foliar uptake of **Affinity Force** is rapid and plant desiccation can occur within 1 to 4 days of application. Application of **Affinity Force** should target small actively growing weeds. Subsequent germinations will not be controlled. **Affinity Force** should always be tank mixed with other approved cereal and grass seed crop herbicides. If MCPA is the mixing partner, only use an amine formulation.

**SYMPTOMS**

**Affinity Force** is rapidly absorbed through the foliage of plants. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation, and in subsequent days necrosis and death of the plant. Due to environmental conditions and certain spray tank additives, some herbicidal symptoms may appear on the crop

in the form of leaf spotting. However, the crop recovers quickly, usually within two to three weeks of treatment.

Extremes in environmental conditions eg. temperature and moisture, soil conditions and/or cultural practices may affect the activity of **Affinity Force**. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicidal symptoms is delayed, and weeds hardened off by drought are less susceptible to **Affinity Force**.

### **COMPATIBILITY**

Cereals and Grass Seed Crops: **Affinity Force** should always be tank mixed with another approved herbicides to broaden the weed control spectrum and improve weed control compared to either product applied alone.

**Do not tank mix Affinity Force with the following to avoid crop injury:**

- In cereals Ester formulations of Herbicides
- In cereals herbicides that contain isoproturon (IPU) e.g. Cougar®, loxynil e.g. Combine®, bromoxynil e.g. Axall®
- In cereals, EC formulations of Insecticides and Fungicides.
- In cereals, Triazole fungicides e.g. Opus® unless testing on the cultivar being treated has shown no phytotoxicity.
- All crops: Surfactants or Oil adjuvants, unless required by the mixing partner. Prior to applying **Affinity Force** clean the spray tank to remove any wetters or adjuvants remaining from previous spray operations otherwise crop injury may result.
- All crops: Selective Grass Herbicides. eg wild oat herbicides. Allow 10 to 14 days after **Affinity Force** application before applying grass herbicides.

### **TIMING**

Application should be made to small, actively growing weeds generally less than 6 to 8 leaf in growth stage. As **Affinity Force** is a contact herbicide, best control is achieved when weeds are exposed and are not shielded by other weeds and/or the

crop. Ideally crops should be at the 3 leaf to early/mid tillering stage (Zadok's scale 13 to 32), prior to crop canopy closure. Follow the timing recommended for the companion herbicide

### **MIXING**

Add half the required volume of water to spray tank and start agitation and then add the measured amount of **Affinity Force**. In cereals, add the required volume of the companion herbicide next. (If tank mixing with a dry flowable formulation, add the DF to the tank first), then add buffering agent if required then the balance of water to tank. Maintain good agitation at all times until spraying is completed.

The spray solution can be buffered to within the range of pH 5 to pH 8. Do not use with tank additives that alter the pH of the spray solution below pH 5 or above pH 8 or that contain surfactants.

### **SPRAYER CLEAN OUT**

**Affinity Force** is a very sticky product. After spraying **Affinity Force** and before using the sprayer in sensitive crops such as brassicas, legumes etc. the sprayer must be thoroughly cleaned using the following procedure. (In addition, users must take appropriate steps to ensure proper equipment clean out for any other products mixed with **Affinity Force** as explained on the other product labels).

1. Drain sprayer tank, hoses, and spray boom and thoroughly rinse the inside of the sprayer tank free of visible sediment and residues with clean water flush through sprayer hoses, boom and nozzles. Remove and clean all filters and nozzle strainers of any sediment and residues. Pay particular attention to dead spots in the system eg. boom ends and in the tank.
2. Fill the tank with clean water and add All Clear® Spray Tank Decontaminator at the recommended rate, drain tank completely then refill the tank to capacity with clean water and operate the sprayer for a minimum of 15 minutes to flush hoses, boom and nozzles then drain tank.

Be aware of the Environmental Warnings

**Weeds Susceptibility: Affinity Force** is very effective on certain weeds e.g. Speedwells, cornbind, cleavers and will enhance control of many broadleaved weeds when applied in partnership with other herbicides, particularly MCPA amine, sulphonyl ureas (e.g. Glean®), mecoprop (e.g. Duplosan® KV) and Trimec®.

<b>Weed</b>	<b>Enhanced control with Affinity Force at 70ml/ha plus tank companion at label rate</b>
Black nightshade	MCPA amine, Trimec® Jaguar®
Cleavers*	Trimec®
Cornbind*	MCPA amine, Trimec®, chlorsulfuron, diflufenican, mecoprop , tribenuron methyl
Dandelions	MCPA amine, chlorsulfuron, mecoprop, Tropotox®
Field madder	Jaguar® Trimec®
Fat hen	MCPA amine, Trimec®, chlorsulfuron, diflufenican, mecoprop , tribenuron methyl
Field pansy	diflufenican , Jaguar®
Groundsel	Jaguar®
Fumitory	Trimec®, diflufenican
Hawksbeard	MCPA amine, chlorsulfuron
Mayweeds	MCPA amine, Trimec®, chlorsulfuron, Tropotox®
Rayless chamomile	MCPA, amine Trimec®, chlorsulfuron
Redroot	MCPA amine, Trimec®, chlorsulfuron, diflufenican,
Scarlet pimpernel	MCPA amine, chlorsulfuron,
Scotch thistle	MCPA amine, Trimec®, Tropotox®
Shepherds purse	MCPA amine, Trimec®, chlorsulfuron, diflufenican, mecoprop ,tribenuron methyl, Jaguar®
Speedwell*	Trimec® Jaguar®
Spurrey	Trimec®, chlorsulfuron, diflufenican, mecoprop, tribenuron methyl
Twin cress	Trimec®, chlorsulfuron, diflufenican, mecoprop
Vetch*	chlorsulfuron, mecoprop
Willow weed	MCPA amine, Trimec, chlorsulfuron, diflufenican, mecoprop , tribenuron methyl
Wild turnip	MCPA amine, Trimec®, mecoprop, Tropotox®
Wire weed	Trimec®
* Susceptible to Affinity Force at 70ml/ha alone	

## Recommendations

<b>Crop</b>	<b>Rate</b>	<b>Remarks</b>
Wheat and Barley	Apply 70 ml / ha in mixture with the standard rate of the companion herbicide (see chart)	Tank mix with herbicides with approved label claim for use in cereals. Follow the recommendations for the companion herbicide. Refer to the Compatibility section of this label.
Grass seed crops	Apply 70 ml / ha in mixture with the standard rate of the companion herbicide (see chart)	Tank mix with herbicides with approved label claim for use in grass seed crops. Follow the recommendations for the companion herbicide. Refer to the Compatibility section of this label.

**Note:** Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

**Withholding Period:** Must not be applied to areas that may be grazed by animals within 14 Days.

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