

130 mm

# SPRAYGARD®

50245604

## FOR USE ONLY AS AN ADJUVANT FOR PROFESSIONAL USE ONLY

**Spraygard** is an emulsifiable concentrate formulation containing 39.3 % w/w pinene oligomers (EAC 1) for use in tank mixture with agricultural and horticultural chemicals to improve their performance

**UFI: 84GX-3VEC-7X00-HWQU**

### Safety Information

Contains pinene oligomers (EAC 1); C9-11 alcohols, ethoxylated; C12-16 alcohols ethoxylated; 1,2-benzisothiazolin-3-one

### Hazard Statements

**May cause an allergic skin reaction**

**Causes serious eye damage.**

**Very toxic to aquatic life with long lasting effects**

### Precautionary Statements

Avoid breathing spray.

Avoid release into the environment

Wear protective gloves/protective clothing/eye protection/face protection

**IF IN EYES:** Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

**If skin irritation or rash occurs:** Get medical advice/attention  
Collect spillage

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty, triple rinsed containers which can be disposed of as non-hazardous waste

**To avoid risks to human health and the environment, comply with the instructions for use**

**PCS No. 92479**



**DANGER**

### SAFETY PRECAUTIONS

#### Operator Protection

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice (show label where possible).

#### Environmental Protection

SP1 DO NOT CONTAMINATE WATER WITH THE PRODUCT OR ITS CONTAINER (Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.)

#### Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS. KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose

### Approval Holder and Marketing company:



**DHM Agrochemicals**

#### Castle Lodge

Kilgobbin Road, Stepaside, Dublin 18

Co Dublin, Republic of Ireland

Tel. (01) 295 2377 Fax. (01) 295 9399

Email: info@dhm.ie

## net contents 5 litre

Batch No : See container

Date of Manufacture : See Container

Spraygard® is a registered trademark from Taminco

24hr Emergency Number : 01) 295 2377

Poisons Information Service of Ireland

Tel : + 00 353 (0)1 809 2566, + 00 353 (0)1 837 9964

(for doctors and healthcare professionals - 24/7)



145 mm

**IMPORTANT INFORMATION  
FOR USE ONLY AS AN ADJUVANT**

Crops/ situations	Plant protection product	Max. conc. (% spray solution)	Max. no. of treatments	Latest time of application
All edible crops	All authorised plant protection products at half or less than half the authorised plant protection product rate	0.1	Follow the statutory conditions of use of the plant protection product	Follow the statutory conditions of use of the plant protection product
All edible crops	All authorised plant protection products	0.1	Follow the statutory conditions of use of the plant protection product	4 weeks before the harvest of crops intended for human or animal consumption
Cereals (stubble)	All authorised formulations of glyphosate	0.2	Follow the statutory conditions of use of the plant protection product	Follow the statutory conditions of use of the plant protection product
Cereals	All authorised formulations of glyphosate	0.2	Follow the statutory conditions of use of the plant protection product	7 days before harvest
Oilseed Rape	All authorised formulations of glyphosate	0.4	Follow the statutory conditions of use of the plant protection product	14 days before harvest
All Non-Edible Crops Non-Crop/Production All Non-Edible Crops (Stubble), All Edible Crops (Stubble)	All authorised plant protection products	0.1	Follow the statutory conditions of use of the plant protection product	Follow the statutory conditions of use of the plant protection product
Operator protection	Operators must follow all operator protection instructions for the plant protection product. Where the personal protective equipment specified on the adjuvant label is different to that specified on the plant protection product label, the highest level of protective equipment must be worn.			
Other specific instructions	This product must not be used with herbicides applied as desiccants unless the herbicides are applied at half or less than half the authorised plant protection product rate, other than with products containing glyphosate only which may be used at full rate on oilseed rape up until 14 days before harvest and cereals up until 7 days before harvest.			

PCS n° 92479

READ THE LABEL BEFORE USE, USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR SPRAY PROTECTION PRODUCTS.

## SPRAYGARD

### INSTRUCTIONS FOR USE

SPRAYGARD is based on a unique polymeric terpene coating agent which holds tank-mixed chemicals onto plants in a rainfast form, protected against degradation by sunlight and against volatilization at high temperatures. The coating agent then slowly releases the active chemicals so that they are available to the plant. This reduces phytotoxicity but greatly extends the action of the spray chemicals. Phytotoxicity is normally the result of a very rapid uptake of a chemical, during the first few hours after spraying, by plants which are only relatively resistant to that chemical. In the case of weed killing, a delay of a day or two may be introduced by the use of SPRAYGARD, although a more certain kill is obtained. SPRAYGARD is thus quite unlike other adjuvants, in that it is designed to slow down rather than speed uptake of spray chemicals by treated plants. The reduction of plant protection product phytotoxicity is a major benefit and SPRAYGARD is almost unique in its ability to soften many plant protection products, especially herbicides. The SPRAYGARD coating is fully formed approximately 30 minutes after the spray has dried on the leaves of treated plants, although a high degree of rainfastness will be obtained as soon as the spray is dry. When using SPRAYGARD with spray chemicals for which a range of application rates are suggested, SPRAYGARD will enable the chemicals to be used effectively at the lowest rate recommended for the intended purpose or at the longest recommended intervals between sprays.

**DIRECTIONS FOR USE****APPLICATION AS AN ADJUVANT WITH PLANT PROTECTION PRODUCTS****CROPS**

SPRAYGARD is authorised for use on ALL edible and non-edible crops in tank mixture with ALL authorised fungicides, herbicides and insecticides, provided that the plant protection product is approved for use on the crop.

**SPECIFIC BENEFITS**

In **Cereals**: SPRAYGARD used with herbicides, including black-grass herbicides, reduces the speed of initial uptake of herbicides and can improve crop safety whilst the actual weed kill, possibly slightly delayed, is improved. This may be particularly marked where conditions are unfavourable to herbicide effectiveness.

In **Potatoes**: SPRAYGARD is of particular value when used with blight fungicides and its use should be regarded as essential where irrigation is carried out or when showery weather prevails.

In **Sugar Beet**: SPRAYGARD replaces oils and surfactants used as additives with 'low rate' applications of herbicides, and is rain-fast within 30 minutes of drying on the crop and can reduce the risk of phytotoxicity.

In **Vegetable Brassica Crops**: SPRAYGARD is an excellent additive to provide adhesion and 'creep' on waxy leaved brassicas and other difficult-to-wet plants, such as onions.

**CAUTION**

SPRAYGARD must not be used in combination with herbicides applied to pea crops.

**APPLICATION RATES AND TIMING****Cereals**

Apply SPRAYGARD pre-harvest as a single application at 0.4 litres per hectare in 200 to 400 litres per hectare of water either alone at crop GS 87 (grain has about 30% moisture content) at a rate of 0.4 litres per hectare with up to 4.0 litres per hectare of 360(g) glyphosate product (e.g. Roundup Bioactive MAPP 10320) or equivalent rates of other approved glyphosate formulations up to 7 days before harvest. SPRAYGARD can also be applied as a split dose, with the initial application of 0.2 litres per hectare being applied at GS 60 with the last fungicide application to prolong fungicide activity and make it rain-fast) and a further 0.2 litres per hectare applied either with glyphosate at its recommended timing and rate or at crop GS 87 or 30% moisture content of the grain.  
NB Whilst SPRAYGARD applications can effectively control seed loss and loss of grain quality (i.e. maintain Hagbergs, caused by moisture, Tamimco cannot guarantee that a premium will be obtained, or that there will be no sprouting or seed shedding.

**Maximum Number of Treatments**

Follow the plant protection product statutory conditions of use.

**COMPATIBILITY**

SPRAYGARD may be used in tank-mixture with all approved fungicides, herbicides, insecticides and plant growth regulators. It is also compatible with trace elements such as boron salts, chelated trace elements, copper, iron, magnesium, manganese, micronutrients, sulphur and other trace elements.

Provided all product recommendations are followed SPRAYGARD may be used in multiple tank-mixtures containing fungicide(s), herbicide(s), insecticide(s) and trace elements.

**MIXING**

**SHAKE WELL BEFORE USE.** Add the spray tank containing half the required volume of water with agitation. Continue agitating whilst topping up the tank and spraying.

**APPLICATION OF SPRAYGARD ALONE**

The uses of SPRAYGARD applied alone are not controlled by the Control of Pesticides Regulations 1986 or the Plant Protection Products Regulations 1985.

SPRAYGARD may be used at 0.2-0.4 l/ha alone as a pre-harvest treatment in **Cereal** crops to reduce the risk of sprouting in the ears of cereal crops, preserve Hagberg values and improve grain quality.

SPRAYGARD can also be applied as a pre-harvest treatment to reduce pod shatter or splitting in oilseed rape, peas and field beans  
In **Oilseed Rape, Peas and Field Beans**: apply up to 0.8 litres per hectare SPRAYGARD in 200 to 400 litres per hectare of water from 28 days to 7 days before harvest to reduce pod shatter or splitting

SPRAYGARD may be applied on **Vegetables before transplanting, on evergreens, deciduous trees, shrubs, bushes, ornamental plants.** It will control water loss on transplanting, needle drop from Christmas trees, winter kill, damage from road spray containing de-icing salts and also the establishment of a lawn from turf. Apply 1 litre SPRAYGARD in 50 litres of water as a spray or dip to small plants. **DO NOT** dip or dip the plants.

For Christmas trees, shrubs, evergreens, deciduous trees (including container-grown stock for planting out), where dipping is not practicable, apply a sufficient volume, as a spray, to thoroughly wet the needles or leaves.

**On Turf**, apply a 1.6% solution of SPRAYGARD (7.5 litres per hectare of product in 450 litres per hectare of water) preferably 24 hours before lifting turf. Application may be made, however, immediately following laying.

**CAUTION:** Blue leaved evergreens such as the blue spruce will turn green on treatment and remain green until a new season's growth occurs.

**APPLICATION OF SPRAYGARD AS AN ANTI-TRANSPARENT TREATMENT IN TANK MIXTURE WITH GLYPHOSATE**

In **Oilseed Rape**: apply up to 0.8 litres per hectare SPRAYGARD in 200 to 400 litres per hectare of water in tank mixture with authorised formulations of glyphosate as a pre-harvest treatment up to 14 days before harvest on oilseed rape to reduce pod shatter or pod splitting.

**AUTHORISATION NUMBER**

PCS n° 92479

SPRAYGARD is a Registered Trade Mark of Tamimco.

**CONDITIONS OF SUPPLY**

All products supplied are of high quality and believed to be suitable for use as directed. However, as we have no control over their use or mixing, weather conditions before, during or after application and crop condition, no warranty express or implied is given that the goods are reasonably fit for the buyers' purpose. No responsibility will be accepted for damage or injury whether consequential or otherwise, whether due to negligence or any other cause whatsoever arising either directly or indirectly from storage, handling use or misuse.