

SPECIMEN 2018 to date

SAFETY PRECAUTIONS

Operator protection:

Wear protective gloves/protective clothing/eye protection/face protection.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
WASH HANDS AND EXPOSED SKIN before eating and drinking, and after work.

Environmental protection:

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.

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

Direct spray away from water.

Extreme care must be taken to avoid spray drift onto non-target plants outside of the target area.

Storage and disposal:

Keep out of reach of children

Keep away from food, drink and animal feedstuffs

RINSE CONTAINER THOROUGHLY by using an approved pressure rinsing device or manually rinsing three times and wash it to sprayer at time of filling and dispose of safely.

Dispose of contents/container according to applicable regulations
 Keep away from heat/sparks/open flames/hot surfaces



PCS No. 05472

A suspension formulation containing 100 g ae/litre fluroxypyr and 5 g/litre florasulam for control of certain broad-leaved weeds in cereals.

READ DIRECTIONS FOR USE ON PATTEN AND LEAFLET.

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

TRIPLE RINSE CONTAINER, PUNCTURE AND INVERT TO DRY AT TIME OF USE

Dow AgroSciences Limited
 CPC, Capital Park, Fulbourn, Cambridge, CB21 5XE, England
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 Poisons Information Centre (Dublin): 01-8092166
 * Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

Pack size: 5 Litres e

Product Identifier according to Art.18 of Reg. (EC) No 1272/2008 (CLP): Spitfire®, Hydrocarbons, O3, aromatics

Warning
Flammable liquid and vapour.
May cause an allergic skin reaction.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.
Very toxic to aquatic life with long lasting effects.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective clothing/eye/face protection.
 IF ON SKIN: Wash with plenty of soap and water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.
 If skin irritation or rash occurs: Get medical advice/attention.
 If eye irritation persists: get medical advice/attention.
 Collect spillage.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Dispose of contents/container to a licensed hazardous waste disposal contractor or collection.

IMPORTANT INFORMATION.
FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops/Situations: Barley, wheat, oats, rye and triticale. Undersown (with grass): Oats, rye, triticale, spring barley and spring wheat.

Maximum Individual Dose: }
Maximum Total Dose: } Full details are given in the Important Information area

Latest Time of Application: } on the attached leaflet.
Other Specific Restrictions: }

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 using plant protection products.



EU 513
CCL FRANCE - DRUSENHEIM

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

IMPORTANT INFORMATION.

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops	Maximum Individual Dose	Maximum Total Dose	Latest Time of Application
Winter barley, winter wheat	1.0 litre product per hectare	1.0 litre product per hectare per crop	Before flag leaf sheath opening (GS 47)
Spring wheat and spring barley +/- undersown with grass barley and spring wheat	1.0 litre product per hectare	1.0 litre product per hectare per crop	Before flag leaf extended stage (GS 39)
Oats, rye and triticale +/- undersown with grass	1.0 litre product per hectare	1.0 litre product per hectare per crop	Before second node detectable stage (GS 32)

Other Specific Restrictions:

For autumn planted crops a maximum total dose of 3.75 g of florasulam must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest.

The total amount of florasulam applied to a cereal crop must not exceed 7.5 g.

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 using plant protection products.

GENERAL INFORMATION

SPITFIRE is mainly absorbed through the foliage of weeds. The ideal timing for application is when the weeds are small and actively growing.

NOTES

Do not apply to crops containing or undersown with clover or other legume containing mixtures.
Do not spray when crops are under stress from cold, drought, pest damage, nutrient deficiency etc.
Do not roll or harrow 7 days before or after application.
Take extreme care to avoid drift onto crops and non-target plants outside the target area.

WEED RESISTANCE

SPITFIRE contains active ingredients with differing modes of action and therefore the risk of resistance building is reduced. However as florasulam is an ALS inhibitor there is a risk of resistance building to this active ingredient and so precautions should be taken to minimise the risk. Therefore avoid using single mode of action herbicides, such as ALS herbicides in the same field over a number of years. Growers are advised to apply products containing herbicides with different modes of action or use sequences or tank mixtures where two or more components are active against the target weeds.

CROPS

SPITFIRE can be used on all varieties of winter and spring wheat, barley, oats, rye and triticale, and these crops undersown with grass.

SOIL

SPITFIRE may be used on all soil types.

TIMING

Winter wheat, winter barley

SPITFIRE should be applied from 3 leaves (GS 13) up to before flag leaf sheath opening (GS 47).

Spring wheat, spring barley

SPITFIRE should be applied from 3 leaves (GS 13) up to before flag leaf sheath extended stage (GS 39).

Winter oats, spring oats, winter rye, triticale

SPITFIRE should be applied from 3 leaves (GS 13) up to before second node detectable stage (before GS32).

Undersown cereal crops

SPITFIRE may be applied to winter and spring wheat, barley, oats, rye and triticale crops undersown with grass.

Application should be made when the grasses have at least fully expanded leaves and when weeds are actively growing.

RATES OF USE, WEED SUSCEPTIBILITY AND MAXIMUM SIZE CONTROLLED

One application of SPITFIRE at 1.0 litre/ha will control susceptible emerged weeds. A split application may be applied up to a maximum total dose of 1.0 L/ha where weed germination takes place over an extended period. For autumn planted crops the maximum total dose of SPITFIRE applied must not exceed 0.75 L/ha for applications made between crop emergence in the year of planting and February 1st in the year of harvest.

Weed	Size Controlled
Cleavers ¹	Flowering
Chickweed ²	Flowering
Hedge mustard	100 mm
Scented mayweed	Flowering
Scentless mayweed	Flowering
Shepherd's purse	100 mm
Volunteer oilseed rape	Before flower buds visible
Wild radish (Rotted)	100 mm

¹Cleavers which germinate after application will not be controlled.

²Will be controlled by an application of 0.75 L/ha.

APPLICATION

SPITFIRE may be applied through tractor-mounted hydraulic sprayers providing they are good working order and have been calibrated according to the manufacturer's recommendations.

Do not apply through CDA applicators.

WATER VOLUME

Apply SPITFIRE in 100 to 400 litres of water per hectare. The lower volume must only be used in open crops on small weeds.

FOLLOWING CROPS

Crops that can be sown in the year of treatment with SPITFIRE:

Cereals, linseed rape¹, field beans, vegetable brassicas as transplants, grass.

Vigour reductions may be seen in following crops of oilseed rape after a dry summer. This will be outgrown and will not result in yield loss.

Crops that can be sown the calendar year following treatment with SPITFIRE:

Cereals, linseed rape, field beans, carrots, vegetable brassicas as transplants grass, linseed, peas, sugar beet, lentils, potatoes, maize, clover (for use in grass/clover mixtures).

JOINT APPLICATION

Joint application is the use of a product in tank mixture or sequence with another product.

IMPORTANT NOTE: Joint applications should only be made within the label recommendations of every product in the application.

Only one other product with an ALS inhibitor mode of action may be applied to a cereal crop treated with SPITFIRE. However a further application of SPITFIRE or another product containing florasulam may also be made **providing the maximum total dose of florasulam is not exceeded¹.**

SPITFIRE may be applied in joint application to the same cereal crop with one of the following ALS products:

Ally Max SX	Approved formulations of iodosulfuron-methyl sodium
Ally SX	Approved formulation of mesosulfuron-methyl + iodosulfuron-methyl sodium
Boxer ²	Approved formulation of mesosulfuron-methyl
Broadway Star ¹	Approved formulation of mesosulfuron-methyl + iodosulfuron-methyl sodium + diflufenican
Calibre SX	Presite SX
Finish SX	Quantum
Galaxy ¹	Spitfire ¹
Harmony M SX	Starane Gold ¹

Harmony SX	Starane XL ¹
Lorate	Thor

¹ The maximum total dose of florasulam applied to the crop must not exceed 7.5 g. For autumn planted crops a maximum total dose of 3.75 g of florasulam, must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest.

Apart from these specific joint applications SPITFIRE must NOT be applied with any other product containing an ALS-inhibitor, for example amidosulfuron.

CROP FAILURE

In the event of a crop failure in the spring with SPITFIRE, only the following crops may be planted: spring wheat, spring barley, spring oats, maize or ryegrass.

MIXING

Half fill the spray tank with water and add the required amount of SPITFIRE. Fill up the spray tank, agitating continuously to ensure thorough mixing, and maintain agitation until spraying is complete. Use only clean water for mixing.

SPRAY QUALITY

Apply SPITFIRE as a MEDIUM spray as defined by the BCPC system.

TANK MIXTURES

Where tank mixes are used, and unless directed otherwise, the preferred order of addition of products to the spray tank is as follows: water dispersible granules, wettable powders, suspension concentrates (flowables), emulsifiable concentrates, solution concentrates. Each product should be added to the half-full sprayer and be fully dispersed before the addition of the next product.

TANK CLEANING

To avoid subsequent injury to crops other than cereals, all spraying equipment must be thoroughly cleaned both inside and out, using All Clear Extra spray cleaner as follows:

1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water and add All Clear Extra at the recommended rate. Agitate and then briefly flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Flush the boom and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with All Clear Extra solution containing 50 ml of All Clear Extra per 10 litres of water.

5. Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume. Drain tank completely.

6. For disposal of washings, follow Code of Practice for Using Plant Protection Products. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.

TRADEMARK ACKNOWLEDGEMENTS

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All other brand names are trademarks of other manufacturers for which proprietary rights may exist.

DOW AGROSCIENCES CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



<http://uk.dowagro.com/wp-content/uploads/SPITFIRE-IRL-SDS.pdf>

Alternatively contact your supplier

SAFETY PRECAUTIONS

Operator protection:

Wear protective gloves/protective clothing/eye protection/face protection.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
WASH HANDS AND EXPOSED SKIN before eating and drinking, and after work.

Environmental protection:

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.

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

Direct spray away from water.

Extra care must be taken to avoid spray drift onto non-crop plants outside of the target area.

Storage and disposal:

Keep out of reach of children

Keep away from food, drink and animal feedstuffs

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.

Dispose of contents/container in accordance with applicable regulations

Keep away from heat/sparks/open flames/hot surfaces

PROTECT FROM FROST.

SHAKE WELL BEFORE USE.

 Dow AgroSciences

Spitfire

HERBICIDE

PCS No. 05472

A suspo-emulsion formulation containing 100 g ae/litre fluroxypyr and 5 g/litre florasulam for control of certain broad-leaved weeds in cereals

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

PROFESSIONAL USE ONLY

TRIPLE RINSE CONTAINERS, PUNCTURE AND INVERT TO DRY AT TIME OF USE

Dow AgroSciences Limited

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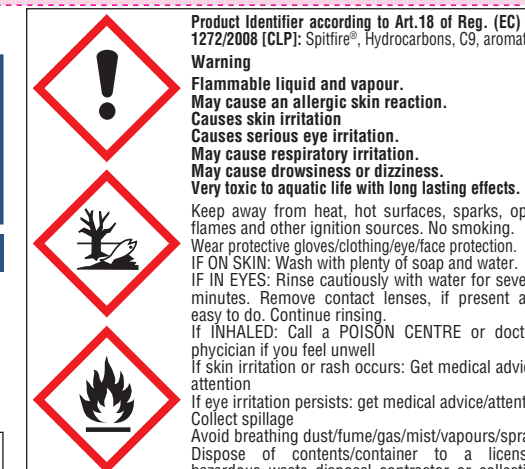
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24 Hour Emergency Telephone: +44 (0) 1553 761251

Poisons Information Centre (Dublin): 01-8092166

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Pack size: 5 Litres 



Product Identifier according to Art.18 of Reg. (EC) No 1272/2008 (CLP): Spitfire®, Hydrocarbons, C9, aromatics

Warning

Fammable liquid and vapour.

May cause an allergic skin reaction.

Causes skin irritation

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Very toxic to aquatic life with long lasting effects.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.

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

If eye irritation persists: get medical advice/attention

Collect spillage

Avoid breathing dust/fume/gas/mist/vapours/spray

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty clean 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. 05472

IMPORTANT INFORMATION.

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops/Situations: Barley, wheat, oats, rye and triticale. Undersown (with grass): Oats, rye, triticale, spring barley and spring wheat.

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