

**BASF**  
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# Pistol® Rail

**A non-selective herbicide for control of annual and perennial weeds on hard surfaces (railway ballast only).**

**A suspension concentrate formulation containing 250g/L glyphosate and 40g/L diflufenican**

**MAPP: 18853  
PCS: 05528**



This label is compliant with the CPA Voluntary Initiative Guidance (UK only)

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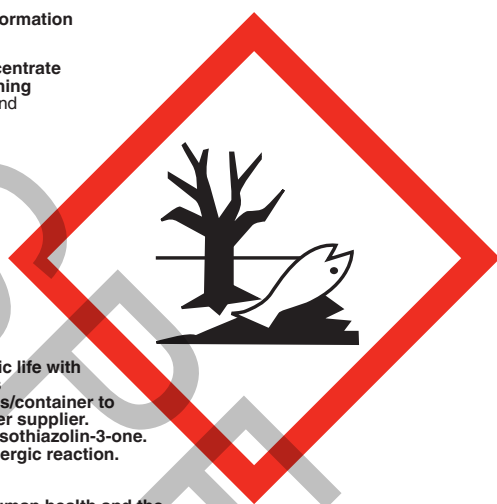
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# 1000L

## Risk and Safety Information

### Pistol®Rail

**A suspension concentrate formulation containing 250g/L glyphosate and 40g/L diflufenican**



**Warning**  
**Very toxic to aquatic life with long lasting effects**  
**Dispose of contents/container to returnable container supplier.**  
**Contains 1,2-Benzisothiazolin-3-one.**  
**May produce an allergic reaction.**

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

## SAFETY PRECAUTIONS

### Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:  
WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate.  
However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection – UK only.  
The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work – UK only.  
WASH HANDS 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, farmyards and roads).  
Extreme care must be taken to avoid spray drift onto non-crop plants outside the target area.  
To protect aquatic organisms, respect an unsprayed buffer zone of 5 m to surface water bodies.  
Direct spray from the train sprayer must not be allowed to fall within 5 m of the top of the bank of a static or flowing water body. Do not allow direct overspray of static or flowing surface waters.

### Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.  
KEEP OUT OF REACH OF CHILDREN.  
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.  
OPEN THE CONTAINER ONLY AS DIRECTED  
DO NOT RINSE OUT THE CONTAINER  
DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE

Once empty, IBCs must be closed and left unrinsed for collection by a specialist contractor for cleaning.  
Cleaning of MPV apparatus must only be conducted by trained personnel at Environment Agency approved sites. Clean thoroughly after use using a wetting agent or proprietary tank cleaner with 2 rinses.

## IMPORTANT INFORMATION

### FOR USE ONLY AS AN INDUSTRIAL HERBICIDE

Situation:	For use on hard surfaces (railway ballast only). Application by spray train only (i.e. railway track, railway sidings and other ballast areas of infrastructure).
Maximum individual dose:	4.5 litres product/hectare
Maximum number of treatments:	1 per year
Latest time of application:	End of July

### Other specific restrictions:

This product must not be applied to any non-porous man-made surfaces.  
Use on hard surfaces refers to railway ballast only.

**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.**

## 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.

### GENERAL INFORMATION

PISTOL® RAIL is a suspension concentrate formulation containing 250 g/L glyphosate and 40 g/L diflufenican. PISTOL® RAIL has foliar absorbed translocated activity, combined with soil acting properties, providing pre-emergence and post-emergence weed control. The product can be applied both pre-emergence and post-emergence to control a wide range of annual and perennial broad-leaved weeds and grasses on railway ballast.

**BASF Tip:** For established deep rooted perennial weeds such as dandelion, thistle, dock and nettles which may be re-generating, a post-emergence application is required

### RESTRICTIONS

Do not spray in windy weather.  
Extreme care must be taken to avoid drift onto non-target plants. This includes all green plant parts, such as leaf surfaces, young bark or suckers of valued plants. Failure to do so may result in permanent damage or plant death.  
For maximum persistence of activity the area treated should not be cultivated or raked following application.  
For maximum pre-emergence and residual activity from PISTOL® RAIL, ensure good coverage of the spray swath. Untreated areas will not be protected.  
Overdosing should be avoided.

Do not add any wetting agent or adjuvant oil as this may result in reduced activity.  
**DO NOT APPLY PISTOL® RAIL OVER DRAINS OR IN DRAINAGE CHANNELS, GULLIES OR SIMILAR STRUCTURES FOR MOVING WATER.**

### WEEDS CONTROLLED

PISTOL® RAIL has a broad spectrum of activity if used at the recommended rate and under optimum conditions. It should give initial 'knockdown' of a wide variety of broad-leaved weeds and narrow-leaved weeds, and thereafter residual control for up to 4 months for broad-leaved weeds.

### Weeds controlled such as:

Annual meadow-grass, annual nettle, buttercup, Canadian fleabane, mouse ear chickweed, chickweed, common daisy, common groundsel, ragwort, couch grass, cranesbill sp, dandelion, dock, fat hen, field forget me not, mayweed, perennial thistle, plantain sp, polygonaceae sp, red deadnettle, rough-stalked meadow-grass, sowthistle, speedwell, willowherb.

Grasses may be the first weeds to return in treated areas and may require treatment with a glyphosate-based product such as CDA Vanquish® Biactive.

**BASF Tip:** Treated areas which may have been protected from the spray swath such as areas of soil shaded by a larger weed canopy at application may require re-treatment with a glyphosate based product such as CDA Vanquish® Biactive.

### Long term control

Perennial weeds such as dandelions and docks emerging from established root-stocks after application will not be controlled.

## SITUATION SPECIFIC INFORMATION

### Use Areas

PISTOL® RAIL may be used on railway track, railway sidings and other ballast areas of rail infrastructure.

### Rate of Use

EQUIPMENT	AREA	PRODUCT REQUIRED	WATER VOL-UME
Track dedicated low drift application system	1 ha	4.5 L	200-500 L/ha

### Application Timing

Apply PISTOL® RAIL at any time from February to the end of July.  
At least six hours, but preferably 24 hours of dry weather are required immediately following application for optimum control.

**BASF Tip:** For post-emergence application ideally annual broad-leaved weeds should have at least two fully expanded true leaves and annual grasses should be at the one leaf growth stage or beyond. Some perennial weeds, including docks, perennial sowthistle and willowherb are best treated just before flowering or the setting of seed.

### Equipment

The product will be loaded from the Integrated Bulk Container (IBCs) to the multi-purpose vehicle using a closed transfer system specific to PISTOL® RAIL. Application should be made ONLY via a spray train using a low drift train-mounted nozzle. Good and even coverage of foliage and ballast is essential for optimum activity.

### Trademark Acknowledgements

PISTOL® is a registered trademark of BASF.  
CDA VANQUISH® BIACTIVE is a registered trademark of Bayer CropScience Limited

**The following does not form part of the product label under S.I. No. 159 of 2012 (Ireland only) or under the Plant Protection Products Regulation (EC) No 1107/2009 (UK only).**

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

## UK Safety Data Sheet

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



[bit.ly/Pistol\\_Rail\\_UK\\_sds](http://bit.ly/Pistol_Rail_UK_sds)

Alternatively, contract your supplier.

## Ireland Safety Data Sheet

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



[bit.ly/Pistol\\_Rail\\_IE\\_sds](http://bit.ly/Pistol_Rail_IE_sds)

Alternatively, contract your supplier.



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