



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

**1.1 Product** Aftercut All in One Lawn Feed, Weed & Moss Killer MAPP 18653

**1.2 Relevant identified use** Lawn feed, weed & moss killer treatment

### 1.3 Details of the Supplier of the safety data sheet

Westland Horticulture Ltd  
14 Granville Industrial Estate  
Granville Road  
Dungannon  
County Tyrone  
BT70 1NJ

**Email** [customerservice@WestlandHorticulture.com](mailto:customerservice@WestlandHorticulture.com)



**1.4 Emergency telephone number** 01480 443789 (UK) 24hrs

## 2. HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture According to Regulation (EC) No 1272/2008:

Acute Tox. 4 H302 Harmful if swallowed  
Eye Dam. H318 Causes serious eye damage

### Label Elements According to Regulation (EC) No 1272/2008:

|                          |  |   |  |
|--------------------------|--|---|--|
| Hazard Pictograms        | GHS05,GHS07  |  |  |
| Signal Word              | Warning  |   |  |
| Hazard Statements        | H319 Causes serious eye irritation<br>H411 Toxic to aquatic life with long lasting effects |   |  |
| Precautionary Statements |  |   |  |
| P101                     | If medical advice is needed have product container or label at hand                        |   |  |
| P102                     | Keep out of reach of children  |   |  |
| P262                     | Do not get in eyes, on skin or on clothing   |   |  |
| P264                     | Wash hands thoroughly after handling   |   |  |
| P280                     | Wear protective gloves/protective clothing/eye protection/face protection                  |   |  |

# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: get medical advice/attention  
 P391 Collect spillage  
 P501 Dispose of contents/container to an approved waste disposal plant as hazardous waste except for empty containers which can be disposed of in the dust bin. Contact your local council for details









## Supplemental Information

EUH208 Contains 2,4-dichlorophenoxy acetic acid, dimethylamine salt. May produce an allergic reaction  
 EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Description** Lawn fertiliser and treatment. N-P-K 10 – 2 – 2

#### Hazardous Ingredients

| Ingredient                    | Identifiers                     | Concentration %W/W | Warning Symbols   | Regulation (EC) No 1272/2008 (CLP)   |
|-------------------------------|---------------------------------|--------------------|---|--|
| Ferrous Sulphate Heptahydrate | CAS: 7782-63-0<br>EC: 231-753-5 | >25 %              |    | Acute Tox 4; H302<br>Skin Irrit 2; H315<br>Eye Irrit 2; H319                               |
| MCPPP-P DMA salt              | EC: 240-539-0<br>CAS:66423-09-4 | 0.286%             |    | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411                   |
| 2,4-D DMA salt                | EC: 217-915-8<br>CAS: 94-75-7   | 0.286%             |    | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Chr 2, H411 |
| Dicamba DMA salt              | EC: 218-951-7<br>CAS: 2300-66-5 | 0.057%             |    | Acute Tox 4; H332<br>Eye Irrit 2; H319<br>Aquatic Acute 1; H400<br>Aquatic Chr. 1; H410    |

See Section 16 for the full text of the H statements declared above

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

**General information:** Have the product container, label or Material Safety Data Sheet with you when calling a poison control center or physician, or going for treatment.

**Inhalation:** Move person to fresh air.  
Keep patient warm and at rest.  
Get medical advice if symptoms persist or develop

**Skin Contact:** Wash off with soap and plenty of water.  
Get medical advice if irritation persists or develop

**Eye Contact:** Rinse with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses and continue flushing.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel  
Rinse out mouth and then drink water  
Get medical attention if symptoms persist or develop

## 4.2 Most important symptoms and effects, both acute and delayed

Symptoms: Product can cause serious eye irritation

Effects: Seek immediate medical attention if product comes into contact with eyes

## 4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Product can cause serious eye irritation

Special treatment: Seek immediate medical attention if product comes into contact with eyes

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

Use foam, carbon dioxide, dry powder or sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

### 5.2 Specific Hazards Arising From the Substance or Mixture:

Fire will produce hazardous products of combustion  
Exposure to decomposition products may be a hazard to health.

### 5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus.



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

## Additional Information:

Cool endangered containers with water spray

Do not allow molten material or run-off from fire fighting to enter drains or water courses.

If fire run-off water enters drains or water course, inform the appropriate water authorities immediately

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid formation / breathing of dust

Avoid contact with skin and eyes

Ensure adequate ventilation

Use Personal Protective Equipment: coveralls, gloves and eye/face protection

### 6.2 Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with waterways, drains and sewers

### 6.3 Methods and Materials for Containment and Cleaning Up:

Vacuum or sweep up material.

Place into suitable labelled containers for disposal according to local / national regulations

**Additional Advice:** If large quantities of the product contaminates water courses or drains (including via contaminated soil & vegetation), inform respective authorities.

### Reference to other sections:

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

- Prevent dust formation and inhalation
- Avoid contact with eyes and skin
- Wear gloves when handling the product over long periods of time
- Do not eat, drink or smoke when using this product



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

- Avoid unnecessary exposure to atmosphere to prevent moisture pick up
- Wash hands and observe good hygiene practice after handling this product
- Do not spread onto surfaces other than grass to avoid staining

## 7.2 Conditions for safe storage, including any incompatibilities

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep product in original labelled containers
- Storage areas should be appropriately sited to prevent contamination of drains or watercourses
- Keep out of the reach of children

## 7.3 Specific End Uses:

Use as a fertiliser and lawn treatment according to the instruction on the label

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

Ingredients with limit values that require monitoring at the workplace:

| Ingredient | Work Exposure Limit (WEL)                               |   |
|------------|---|---|
|            | Long-term Exposure Limit<br>(8-hr TWA reference period) | Short-term Exposure Limit<br>(15 minute reference period) |
| Iron salts | 1mg/m <sup>3</sup>                                      | 2 mg/m <sup>3</sup>                                       |

8.1.1 Occupational exposure limits: N/A

8.1.2 Biological limit values: N/A

8.1.3 Exposure limits at intended use: N/A

8.1.4 DNEL/PNEC-values: N/A

8.1.5 Risk management measures according to used control banding approach: N/A

### 8.2 Exposure Controls



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

**8.2.1 Appropriate engineering controls:** No special ventilation requirements.  
Avoid high dust concentration and provide ventilation where necessary

**8.2.2 Personal protective equipment:** The use of technical measures should always have priority over the use of personal protective equipment  
A risk assessment based on the task being performed and the risks involved should be carried out to determine personal protection equipment required  
When selecting personal protective equipment, seek appropriate professional advice  
Personal protective equipment should be certified to appropriate standards

**Respiratory Protection:** Not necessary if room is well ventilated  
Use suitable dust respirator if dust concentration is high (Filter P2)

**Hand Protection:** Wear suitable gloves when handling the product over long periods or if a risk assessment indicates this is necessary. Gloves complying with EN420

**Eye Protection:** Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust. Safety glasses complying with EN166 as a minimum

**Skin and Body Protection:** Protective work clothing

**8.2.3 Environmental exposure controls:** N/A

**Consumer exposure control:** N/A

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** Solid, brown/grey granules

**Physical state:** Solid

**Colour:** brown/grey

**Odour:** Characteristic

**Odour threshold:** none



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

## 9.2 Other information:

|  |           |   |   |       |   |   |
|--|-----------|---|---|-------|---|---|
| pH   | 2.5-6.0   | - | - | 20 °C | - | - |
| Melting point/freezing point                 | -         | - | - | -     | - | - |
| Initial boiling point/boiling range          | -         | - | - | -     | - | - |
| Flash point                                  | -         | - | - | -     | - | - |
| Evaporation rate                             | -         | - | - | -     | - | - |
| Flammability (solid, gas)                    | -         | - | - | -     | - | - |
| Upper/lower flammability or explosive limits | -         | - | - | -     | - | - |
| Upper explosive limits                       | -         | - | - | -     | - | - |
| Lower explosive limits                       | -         | - | - | -     | - | - |
| Vapour pressure                              | -         | - | - | -     | - | - |
| Vapour density                               | -         | - | - | -     | - | - |
| Relative density                             | 1.00 kg/l | - | - | -     | - | - |
| Solubility(ies)                              | -         | - | - | -     | - | - |
| Partition coefficient: n-octanol/water       | -         | - | - | -     | - | - |
| Auto-ignition temperature                    | -         | - | - | -     | - | - |
| Decomposition temperature                    | -         | - | - | -     | - | - |
| Viscosity                                    | -         | - | - | -     | - | - |
| Viscosity, dynamic                           | -         | - | - | -     | - | - |
| Viscosity, cinematic                         | -         | - | - | -     | - | - |
| Explosive properties                         | -         | - | - | -     | - | - |
| Oxidising properties                         | -         | - | - | -     | - | - |

No other relevant information available

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** Stable under normal conditions of storage, handling and use

**10.2 Chemical stability:** Stable under normal conditions of storage, handling and use



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

**10.3 Possibility of hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions To Avoid:** Extremes of temperature

**10.5 Incompatible Materials:** Oxidising agents

**10.6 Hazardous Decomposition products:** Heating or fire can release toxic or irritant vapours and fumes

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution

#### 11.1 Information on toxicological effects

The product has not been tested. The statements on toxicology are based on the individual components.

**Acute Toxicity:** Information on ingredients below:  
Ferrous Sulphate Heptahydrate: LD50 Median lethal dose rat, 319 mg/kg bw  
MCPP-P DMA Salt: LD50 Median lethal dose rat, 775 mg/kg  
2,4-D DMA Salt: LD50 Median lethal dose rat, 699 mg/kg  
Dicamba DMA salt: Median lethal dose rat >2000 mg/kg

**Acute Inhalation Toxicity:** Information on ingredients below:  
MCPP-P DMA Salt: LC50 Median lethal concentration rat, >5.6 mg/l, 4h  
2,4-D DMA Salt: LC50 Median lethal concentration rat, >1.79 mg/l  
Dicamba DMA salt: >5.0 mg/l

**Acute Dermal Toxicity:** Information on ingredients below:  
MCPP-P DMA Salt: LD50 Median lethal dose rabbit, >2000 mg/kg  
2,4-D DMA Salt : LD50 Median lethal dose rat, >2000 mg/kg  
Dicamba DMA salt: >2000mg/kg

**Skin Irritation:** The mixture is classified as skin irritant based on formulation components

**Serious Eye Irritation:** The mixture is classified for eye irritation based on formulation components

**Respiratory or Skin Sensitization:** The mixture is not classified as a sensitizer based on formulation components





# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

**Long Term Toxicity:** The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard based on formulation components

**STOT- repeated exposure:** No information available on mixture

## 12. ECOLOGICAL INFORMATION

The mixture has not been tested. The mixture is not classified for environmental hazard based on formulation components

**12.1 Toxicity:** Information on ingredients below

- **Toxicity To Fish:** Ferrous Sulphate: LC50 *Oncorhynchus mykiss* (rainbow trout), 86.2 mg/l, 96h  
MCPP-P DMA Salt: LC50, >100 mg/l, 96h  
2,4-D DMA Salt : LC50, 175 mg/l, 96h  
Dicamba DMA salt: LC50, 135mg/l 96h
- **Toxicity To Aquatic Invertebrates:**  
Ferrous Sulphate: EC50 *Daphnia magna* (water flea), 1-10 mg/l, 48h  
MCPP-P DMA Salt: EC50 *Daphnia magna* (water flea), >91 mg/l, 48h  
2,4-D DMA Salt : EC50 *Daphnia magna* (water flea), 100 mg/l, 48h  
Dicamba DMA salt: EC50 *Daphnia magna* (water flea), 110 mg/l 48h
- **Toxicity To Aquatic Plants:**  
MCPP-P DMA Salt: LC50 algae, 16.2 mg/l, 72h; EC50 *Lemna*, 1.6 mg/l, 14d  
2,4-D DMA Salt : LC50 algae, 24.2 mg/l, 72h  
Dicamba DMA salt: LC50 algae; N/A

**12.2 Persistence and Degradability:** No information available on mixture

**12.3 Bioaccumulative Potential:** No information available on mixture

**12.4 Mobility in Soil:** No information available on mixture

**12.5 PBT and vPvB assessment:** No information available on mixture

**12.6 Other adverse effects:** Information not available

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

**Product:** Do not contaminate ponds, waterways or ditches with significant quantities of product  
Check if agriculture use is possible. Dispose of by use on farm as a fertiliser, by spreading thinly on open ground  
Where possible recycling is preferred to disposal or incineration.  
If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated Packaging:** Empty remaining contents.  
Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations

## 14. TRANSPORT INFORMATION

|                                 | Land transport (ADR/RID) | Inland waterway transport (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---------------------------------|--------------------------|---------------------------------|----------------------|------------------------------------|
| 14.1 UN No.                     | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| 14.2 UN Proper shipping name    | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| 14.3 Transport hazard class(es) | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| Hazard label(s)                 | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| 14.4 Packing group              | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| 14.5 Environmental hazards      | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |

14.6 Special precautions for user: None

## 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance of mixture:

15.1.1 This mixture is classified in accordance with Regulation 1272/2008.

Registration Numbers: MAPP 18653

15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been undertaken for this mixture



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

## 16. OTHER INFORMATION

**16.1 Indication of changes:** New formulation with different herbicide package

### 16.2 Abbreviations and Acronyms

|                              |  |
|------------------------------|--|
| ADR                          | International Carriage of Dangerous Goods by Road                          |
| CAS No                       | Chemicals Abstract Service Registry Number                                 |
| Directive 67/548/EEC         | Dangerous Substances Directive (DSD)                                       |
| EC No                        | European Community Number for chemicals within EU regulations              |
| IATA-DGR                     | Dangerous Goods Regulations by the International Air Transport Association |
| IMDG Code                    | International Maritime Dangerous Goods Code                                |
| PBT                          | Persistent, Bioaccumulative and Toxic Properties                           |
| Regulation (EC) No 1272/2008 | Classification, Labelling and Packaging (CLP)                              |
| RID                          | International Transport of Dangerous Goods by Rail                         |
| vPvB                         | Very Persistent and Very Bioaccumulative Properties                        |

**16.3 Key literature references and sources for data :** Westland Horticulture Ltd

**16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:** See SECTION 2.1 (classification).

### 16.5 Relevant H- and EUH-phrases (number and full text):

|      |  |
|------|--|
| H302 | Harmful if swallowed                                 |
| H315 | Causes skin irritation                               |
| H317 | May cause an allergic skin irritation                |
| H318 | Causes serious eye damage                            |
| H319 | Causes serious eye irritation                        |
| H332 | Harmful if inhaled                                   |
| H400 | Very toxic to aquatic life                           |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects      |

### Full text of Classifications

|                 |   |
|-----------------|---|
| <b>CLP/GHS:</b> | Acute Tox 4; Acute Toxicity, Category 4             |
|                 | Aquatic Chr 2; Aquatic Chronic Toxicity, Category 2 |
|                 | Eye Dam 1; Eye Damage, Category 1                   |
|                 | Eye Irrit 2; Eye Irritation, Category 2             |
|                 | Skin Irrit 2; Skin Irritation, Category 2           |



# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: Aftercut All-in-one Lawn Feed, Weed & Moss Killer

Version:2.0

Revision date: 03.08.2018

Print date:03.08.2018

---

Skin Sens. 1; Sensitisation – Skin, Category 1

**16.6 Training advice:** Follow the instructions

**16.7 Further information:** Before using this product, ensure that you read and understand its label

MSDS information:

This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, 1272/2008 and Annex I of the REACH regulation 453/2010.

This safety data sheet provides health and safety information. This product is to be used in applications with best use practice. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information in this data sheet is to the best of our knowledge correct as at the date of publication. Westland Horticulture Limited does not accept responsibility for damage caused by incorrect use of this information.

Training and related advice:

This document contains important information to ensure the safe storage, handling and use of this product. It is the responsibility of your organisation to ensure that the information contained in this document is communicated to the end user and that all necessary training to enable the product to be used correctly has been given.

For further information please contact Westland Horticulture Ltd, 14 Granville Industrial Estate, Granville Road, Dungannon, County Tyrone, BT70 1NJ.