



## SAFETY DATA SHEET NEW-WAY WEED SPRAY

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name                      NEW-WAY WEED SPRAY  
Product number                    PST012/5

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses                    As a horticultural/industrial herbicide and mosskiller.

#### 1.3. Details of the supplier of the safety data sheet

Supplier                              Headland Amenity Ltd.  
   1-3 Freeman Court  
   Jarman Way  
   Royston  
   Hertfordshire  
   SG8 5HW  
   +44 (0)1763 255550  
   sds@headlandamenity.com

Contact person                    Wendy Johnson

#### 1.4. Emergency telephone number

Emergency telephone            +44 (0)1763 255550 (09.00 - 17.00 GMT Monday - Friday)

National emergency telephone number 111

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards                    Not Classified  
Health hazards                      Skin Irrit. 2 - H315 Eye Dam. 1 - H318  
Environmental hazards            Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word                            Danger

Hazard statements                 H315 Causes skin irritation.  
   H318 Causes serious eye damage.

## NEW-WAY WEED SPRAY

<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P103 Read label before use.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>
<b>Supplemental label information</b>	<p>EUH401 To avoid risks to human health and the environment, comply with the instructions for use.</p> <p>Do not contaminate water with the product or its container.</p>
<b>Contains</b>	ACETIC ACID, ALCOHOL ETHOXYLATE, C7-C15

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>ACETIC ACID</b>			<b>24% (240g/l)</b>
CAS number: 64-19-7	EC number: 200-580-7	REACH registration number: 01-2119475328-30-XXXX	
<b>Classification</b>			
Flam. Liq. 3 - H226			
Skin Corr. 1A - H314			
<b>ALCOHOL ETHOXYLATE, C7-C15</b>			<b>3-10%</b>
CAS number: 69011-36-5	EC number: 931-138-8		
<b>Classification</b>			
Acute Tox. 4 - H302			
Eye Dam. 1 - H318			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>General information</b>	In the case of accident: contact a doctor or casualty department - take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Give plenty of water to drink. Get medical attention if symptoms are severe or persist. Show this Safety Data Sheet to the medical personnel. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin contact</b>	Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water. Do not use solvents or thinners. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention immediately. Continue to rinse for at least 15 minutes.

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

Inhalation	Irritating to respiratory system.
Ingestion	Irritates mucous membranes in mouth and gastrointestinal tract.
Skin contact	Redness. Irritation.
Eye contact	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious damage to eyes.

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

Specific treatments	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ). Powder. Water mist.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards	Fire will result in dense smoke. Exposure to combustion products may harm your health.
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### 5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid direct contact with spilled substances.
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### 6.2. Environmental precautions

Environmental precautions	Do not discharge onto the ground or into water courses.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Wipe up with an absorbent cloth and dispose of waste safely. Absorb in vermiculite, dry sand or earth and place into containers. As far as possible, cleaning is performed with normal cleaning agents. Avoid use of solvents. Dispose of contents/container in accordance with local regulations.
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### 6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions	Use only in well-ventilated areas. Avoid any direct contact with the substance.
Advice on general occupational hygiene	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Provide eyewash station.

### 7.2. Conditions for safe storage, including any incompatibilities

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**Storage precautions** Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### ACETIC ACID

Long-term exposure limit (8-hour TWA): WEL 10 ppm 25 mg/m<sup>3</sup> vapour

Short-term exposure limit (15-minute): WEL 20 ppm 50 mg/m<sup>3</sup> vapour

WEL = Workplace Exposure Limit.

#### ACETIC ACID (CAS: 64-19-7)

<b>DNEL</b>	Workers - Inhalation; Short term local effects: 25 mg/kg Workers - Inhalation; Long term local effects: 25 mg/kg General population - Dermal; Short term local effects: 25 mg/kg General population - Inhalation; Long term local effects: 25 mg/kg
<b>PNEC</b>	Fresh water; 3.06 mg/l marine water; 0.3058 mg/l Sediment (Freshwater); 11.4 mg/kg Sediment (Marinewater); 1.136 mg/l Soil; 0.478 mg/kg STP; 85 mg/l Intermittent release; 11.36 mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended.

#### Eye/face protection

Wear safety glasses with side shields. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Wear protective gloves. Butyl rubber. Glove thickness - 0.3mm. Standards - EN374-2, EN374-3, EN388.

#### Other skin and body protection

Wear protective clothing. Wear rubber apron. Boots.

#### Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

#### Respiratory protection

Under normal use conditions, respirator is not usually required. Use appropriate respiratory protection if the recommended exposure limit is exceeded, or if exposure to vapors is likely. Type E. Class 1 (low capacity). Yellow. EN14387.

#### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): 3.19
<b>Melting point</b>	Not relevant.
<b>Initial boiling point and range</b>	100oC
<b>Flash point</b>	Not relevant.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	1.065
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not relevant.
<b>Decomposition Temperature</b>	Not relevant.
<b>Viscosity</b>	372 mPa s @ °C
<b>Explosive properties</b>	No information available.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

#### 10.4. Conditions to avoid

**Conditions to avoid** None known.

#### 10.5. Incompatible materials

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**Materials to avoid** Strong acids. Strong alkalis. Strong oxidising agents. Strong reducing agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** The product is not degraded when used as specified in Section 1.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 5,050.51

##### Toxicological information on ingredients.

#### ACETIC ACID

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 3,310.0

Species Rat

ATE oral (mg/kg) 3,310.0

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 40.0

Species Rat

ATE inhalation (vapours mg/l) 40.0

#### ALCOHOL ETHOXYLATE, C7-C15

##### Acute toxicity - oral

ATE oral (mg/kg) 500.0

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Ecological information on ingredients.

#### ACETIC ACID

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 300.82 mg/l, Freshwater fish  
LC<sub>50</sub>, 96 hours: 300.82 mg/l, Marinewater fish  
LC<sub>50</sub>, 21 days: 52.2 mg/l, Oncorhynchus mykiss (Rainbow trout)  
NOEC, 21 days: 34.3 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: >300.82 mg/l, Daphnia magna  
NOEC, 21 days: 31.4 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: >300.82 mg/l, Skeletonema costatum

Acute toxicity - microorganisms NOEC, 16 hour: 1150 mg/l, Pseudomonas putida

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### ALCOHOL ETHOXYLATE, C7-C15

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , : 1-10 mg/l, Cyprinus carpio (Common carp)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 1-10 mg/l, Marinewater invertebrates NOEC, : 2.5 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , : 1-10 mg/l, Desmodemus subspicatus

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely.

**Partition coefficient** No information available.

#### 12.4. Mobility in soil

**Mobility** The product contains at least one substance with low soil mobility.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

### SECTION 14: Transport information

#### 14.1. UN number

<b>UN No. (ADR/RID)</b>	2790
<b>UN No. (IMDG)</b>	2790
<b>UN No. (ICAO)</b>	2790
<b>UN No. (ADN)</b>	2790

#### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	ACETIC ACID SOLUTION
<b>Proper shipping name (IMDG)</b>	ACETIC ACID SOLUTION
<b>Proper shipping name (ICAO)</b>	ACETIC ACID SOLUTION
<b>Proper shipping name (ADN)</b>	ACETIC ACID SOLUTION

#### 14.3. Transport hazard class(es)

<b>ADR/RID class</b>	8
<b>ADR/RID classification code</b>	C3
<b>ADR/RID label</b>	8

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IMDG class	8
ICAO class/division	8
ADN class	8

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

IMDG Code segregation group	1. Acids
EmS	F-A, S-B
ADR transport category	3
Emergency Action Code	•2R
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Product Registration Number: MAPP 15319.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Revision comments	Section 2.2 'Supplemental label information' updated. Section 12.6 'Other adverse effects' updated. Supplier company address updated. Emergency contact details updated. NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	24/03/2021



## NEW-WAY WEED SPRAY

<b>Revision</b>	5
<b>Supersedes date</b>	24/09/2019
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.