



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 Burr Elm Court
 Main Street
 Caldecote
 Cambridge
 Cambridgeshire
 CB23 7NU
 Tel. +44 (0)1223 491090
 sds.enquiries@headlandamenity.com

Contact person Wendy Johnson

1.4. Emergency telephone number

Emergency telephone +44 (0)1223 491090 (9.00 - 5.00 GMT Mon-Fri)

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

Pictogram



Signal word Danger

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

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Precautionary statements	<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>
Supplemental label information	<p>EUH401 To avoid risks to human health and the environment, comply with the instructions for use.</p> <p>Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present. Do not contaminate water with the product or its container...</p>
Contains	ACETIC ACID, ALCOHOL ETHOXYLATE, C13

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SECTION 3: Composition/information on ingredients		
3.2. Mixtures		
ACETIC ACID		24% (240g/l)
CAS number: 64-19-7	EC number: 200-580-7	REACH registration number: 01-2119475328-30-XXXX
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 C;R35	
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		
ALCOHOL ETHOXYLATE, C13		
		3-10%
CAS number: 69011-36-5	EC number: 931-138-8	
Classification		
Acute Tox. 4 - H302		
Eye Dam. 1 - H318		

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

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Drink 1-2 glasses of water in small sips. Get medical attention if symptoms are severe or persist.
Skin contact	Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention immediately. Continue to rinse.

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

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

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	The mixture is not classified as flammable. Use fire-extinguishing media suitable for the surrounding environment.
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Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Product decomposes in fire and may release toxic gases such as carbon monoxide and hydrocarbons.
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5.3. Advice for firefighters

Protective actions during firefighting	Move containers from fire area if it can be done without risk. Avoid breathing fire gases or vapours.
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Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
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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.
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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.
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Advice on general occupational hygiene	Eye wash facilities and emergency shower must be available when handling this product. Wash hands thoroughly after handling.
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7.2. Conditions for safe storage, including any incompatibilities

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.
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7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

ACETIC ACID (CAS: 64-19-7)

PNEC	<ul style="list-style-type: none"> - Fresh water; 3.06 mg/l - Sediment (Freshwater); 11.4 mg/kg - ; - Soil; 0.478 mg/kg - STP; 85 mg/l
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8.2. Exposure controls

Eye/face protection	Use approved safety goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Hand protection	Wear protective gloves. Butyl rubber. To protect hands from chemicals, gloves should comply with European Standard EN374.
Other skin and body protection	Wear protective clothing. 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	If ventilation is inadequate, suitable respiratory protection must be worn. Gas filter, type E. Respiratory protection must conform to one of the following standards: EN 136/140/145.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Characteristic.
Odour threshold	No information available.
pH	pH (concentrated solution): 3.19
Melting point	No information available.
Initial boiling point and range	100oC
Flash point	No information available.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Vapour density	No information available.

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Relative density	1.065
Solubility(ies)	Miscible with water
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	372 mPa s @ °C
Explosive properties	No information available.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Strong reducing agents. Strong oxidising agents. Strong alkalis.

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

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

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 5,000.0

SECTION 12: Ecological Information

12.1. Toxicity

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.

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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

Other adverse effects Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present.

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

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

14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C3
ADR/RID label	8
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
ADN packing group	III

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ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-A, S-B

ADR transport category 3

Emergency Action Code •2R

Hazard Identification Number 80
(ADR/RID)

Tunnel restriction code (E)

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

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

A chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments Supplier contact and emergency contact details updated.

Revision date 04/09/2015

Revision 3

Supersedes date 16/06/2015

Risk phrases in full
R10 Flammable.
R35 Causes severe burns.
R36/38 Irritating to eyes and skin.

Hazard statements in full
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.