

SAFETY DATA SHEET

Prepared in accordance with REACH Regulation (EC) No 1907/2006

Irish Organic Weed Killer Product Code: OWK9.5

1 IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

- 1.1 Identification of the Preparation:** Irish Organic Weed Killer
PCS No. 92400
Packaging: Spray Can
Size: 1 Litre
- 1.2 Use of the Preparation:** As a home garden weed killer and outdoor herbicide in edible crop situations.
- 1.3 Company Identification:** Irish Organic Weed Killer,
C/O Oisín Concannon,
Ballinvoher,
Turloughmore,
Athenry,
Co. Galway,
Ireland.
- 1.4 Emergency Telephone:** National Poison Information Centre 00353 (1) 8092566

2 HAZARDS IDENTIFICATION

The chief health hazard associated with Irish Organic Weed Killer is irritation of skin and eyes.

3 COMPOSITION/INFORMATION ON INGREDIENTS

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This preparation is classified as an irritant under directive 1999/45/EC

Chemical Identity	CAS-No.	EEC No.	Classification	Content
Acetic Acid	64-19-7	200-580-7	R34	9.5 %

4 FIRST AID MEASURES

- 4.1 General:** In all cases of doubt, or where symptoms persist, seek medical attention. Take a copy of label and MSDS to health professional with victim.
- 4.2 Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Bring to medical attention immediately.

- 4.3 Skin Contact:** Flush skin immediately with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- 4.4 Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Bring to medical attention immediately.
- 4.5 Ingestion:** Do not induce vomiting. Drink a cupful of milk or water.
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5 FIRE-FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media:** Water fog, foam, extinguishing powder, CO₂, sand.
- 5.2 Unsuitable Extinguishing Media:** Do not use water-spray with full water jet as this causes fire to spread.
- 5.3 Special Hazards, Combustion Products or Resulting Gases:** In the event of a fire, carbon dioxide and carbon monoxide can evolve.
- 5.4 Protective Clothing for Fire Fighting:** Use full protective overalls with fresh air breathing equipment.
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6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions:** Prevent contact with skin or eyes. Ensure adequate ventilation.
- 6.2 Environmental Precautions:** Do not wash excessive spillages into watercourses. If a large spillage of this product enters a watercourse or sewer (including via contaminated soil and vegetation) contact local agency and/or police immediately. Do not burn.
- 6.3 Methods for Cleaning Up:** Use soil, sand or other absorbent material for large spillages. Dispose of in accordance with local authority regulations.
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7 HANDLING AND STORAGE

- 7.1 Handling:** Open container with care to avoid splashes. Provide good ventilation of working area. Do not get in eyes, on skin or on clothing. Do not breathe vapour or mist.
- 7.2 Storage:** Store in original container in a secure well ventilated and cool dry place away from extreme temperatures and direct sunlight. Keep away from food, drink, animal feeding stuffs and store out of the reach of children. Keep container tightly closed and sealed until ready for use.

7.3 Specific Use(s): Use as a spot weeder on gardens, paths, patios, allotments, flowerbeds and vegetable gardens. For best results apply in dry conditions when weeds are actively growing. A rain free period should follow application. Shake well before use. Rotate nozzle to “on”. Hold sprayer approximately 15 cm from weed and spray. Ensure complete coverage of target grass/weed from root to tip. Avoid windy conditions. Turn nozzle to “off” position after use. Wash hands and exposed skin after use/handling.

8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Exposure Limit Values: AOEL of pure Acetic Acid (Active): 50 mg/8 hours

8.2 Exposure Controls:

8.2.1 Occupational Exposure Controls: Ensure adequate ventilation. Irish Organic Weed Killer may irritate the skin. Wear suitable gloves.

8.2.2 Environmental Exposure Controls: Do not empty into drains. Do not contaminate water with the product or its container.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information:

Appearance: Colourless liquid

Odour: Not specified

9.2 Important Health, Safety and Environmental Information:

pH: Not specified

Boiling Point/Range: Not specified

Flash Point: Not specified

Explosive Properties: Not specified

Oxidising Properties: Not specified

Vapour Pressure: Not specified

Relative Density: Not specified

Solubility: Not specified

Water Solubility: Not specified

Partition Coefficient: N-Octanol/Water: Not specified

Viscosity: Not specified

Vapour Density: Not specified

Evaporation Rate: Not specified

10 STABILITY AND REACTIVITY

- 10.1 Materials to Avoid:** Alkalies, reducing agents, strong oxidizing agents, amines.
- 10.2 Conditions to Avoid:** Keep away from naked flames and ignition sources.
- 10.3 Hazardous Decomposition Products:** In the event of a fire, carbon dioxide and monoxide can evolve.
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11 TOXICOLOGICAL INFORMATION

- 11.1 Acute Oral LD₅₀:** Rat: Pure Acetic Acid (Active): 3530 mg/kg bw
- 11.2 Acute Inhalation LC₅₀:** Rat: Pure Acetic Acid (Active): 40.0 mg/L (4 hours)
Mouse: Pure Acetic Acid (Active): 14.0 mg/L (1 hour)
- 11.4 Skin Irritation:** Irritating (10% solution), corrosive at higher concentrations.
- 11.5 Eye Irritation:** Irritating (10% solution), corrosive at higher concentrations.
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12 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity** Long-term effects on water born organisms are not expected.
- 12.2 Mobility** Miscible with water in all proportions, therefore it has a high mobility.
- 12.3 Degradability** Bio-degradation: Light to average.
Rate of degradation in soil: $DT_{50} \leq 2$ days
Rate of degradation in water: $DT_{50} \leq 0.09 - 0.55$ days
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13 DISPOSAL CONSIDERATIONS

- 13.1 Disposal of Used Preparation:** Dispose of preparation at a local waste regulatory authority site.
- 13.2 Disposal of Packaging** Dispose of empty container in household waste.
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14 TRANSPORT INFORMATION

- 14.1 Transport by Land, Road (ADR):** This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.
- 14.2 Transport by Sea (IMDG):** This product is not considered by the International Maritime Organization to be dangerous goods.

15 REGULATORY INFORMATION

Governing Directive:

This product is classified as an irritant and is labelled in accordance with the Pesticide regulations (SI 83 of 2003) and EU directive 99/45/EC.

Symbol:

Xi: Irritant

Label for Supply:

Xi



Irritant

Risk Phrases:

R36/38 Irritating to eyes and skin

Safety Phrases:

- S2 Keep out of the reach of children
- S26 In case of contact with eyes rinse with plenty of water and seek medical advice
- S37 Wear suitable gloves
- S64 If swallowed, rinse mouth with water (only if the person is conscious)

To avoid risks to man and the environment, comply with the instructions for use.

USE PESTICIDES SAFELY/READ THE LABEL

16 OTHER INFORMATION

Compiled using data submitted for raw materials, specific data and practical experience.

This product is intended for amateur use only.

This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC and also Annex II of the REACH regulation 1907/2006.

DISCLAIMER:

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

The above information is intended to give general health and safety guidance on the storage and transport of the product. It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with. The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment

involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given. The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

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