

SAFETY DATA SHEET

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

Product	NUTRI Tomato Plant Food	
Supplier:	Westland Horticulture Ltd 14 Granville Industrial Estate Granville Road Dungannon Co Tyrone BT70 1NJ	
Tel	UK 08700 663 566	ROI 1800 927 927

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a fluid compound fertiliser containing some or all of the following ingredients:- ammonium nitrate, urea, ammonium sulphate, ammonium phosphate, potassium chloride (muriate of potash), potassium phosphate, potassium sulphate, triple superphosphate, inert suspending agents such as bentonite or atapulgitic clay, secondary nutrients, micro-nutrients, complexing agents and natural plant extracts.

3. HAZARDS IDENTIFICATION

This preparation is NOT classified as dangerous under Directive 2001/59/EC

Human Health: Products are of a low toxicity but prolonged skin or eye contact may cause some irritation.

Molten Material: Will cause burns and inhalation of decomposition gases (e.g. in a fire) may cause serious delayed lung effects.

Environment: Heavy spillage may cause adverse environmental impact such as eutrophication in confined surface waters or nitrate contamination. See Section 12.

4. FIRST AID MEASURES

Inhalation: Remove from source of exposure to spray. Keep warm and at rest. Obtain medical advice if symptoms persist or breathing becomes difficult.

Ingestion: Low toxicity spray but high concentration of air-borne material may cause irritation of the nose and upper respiratory tract with symptoms such as sore throat and coughing. Small quantities are unlikely to cause toxic effects. Do not induce vomiting. Give milk or water to drink. Obtain medical attention if more than small quantities have been swallowed.

Skin Contact: Wash the affected area with soap and water.

Eye Contact: Irrigate eyes with copious amounts of eyewash solution or water for at least 10 minutes. Obtain medical advice if symptoms persist.

5. FIRE FIGHTING MEASURES

NON-FLAMMABLE product

When the fertiliser is not directly involved in the fire use the best means available to Control the fire.

When the fertiliser is involved: -

1. Avoid breathing the fumes. Wherever possible, wear an approved breathing mask when fighting a fire or when fumes are being emitted.
2. Call the fire brigade.
3. Use plenty of water.
4. Open doors and windows to give maximum ventilation.
5. Do not allow the fertiliser or water containing the fertiliser to run into drains.

Note also First Aid precautions (Section 4).

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Wash down spillage promptly and avoid ingestion by livestock. Take care to avoid the contamination of watercourses and drains. Inform the appropriate water authority in the event of accidental watercourse contamination.

Cleaning & Disposal method: Use soil, sand or other absorbent material

7. HANDLING AND STORAGE

Handling: Open containers with care to avoid splashes
Storage: Store in a cool, dry atmosphere in original, labelled containers. Ensure high standard of housekeeping in the storage areas. Tank or storage areas should be appropriately sited to prevent the contamination of drains or watercourses

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No specific official limits.
Precautionary/Engineering Measures: Ensure suitable engineering controls for measuring and decanting large quantities of product prior to dilution. Avoid high spray concentration and provide ventilation where necessary.

Personal Protection: Wear suitable gloves when handling the product over long periods (BS EN374 suitable for basic chemical hazard). Suit/apron BS EN 465/466/467 with basic chemical splash protection. Avoid contamination of absorbent clothing. After handling product, wash hands and observe good hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Aqueous coloured solution
Odour: Slight ammoniacal smell.
pH: 6.0-7.0
Relative density: Typically 1.10-1.20
Flash point/flammability: Not classified as flammable
Oxidising properties: Not classified as oxidising

10. STABILITY AND REACTIVITY

Stable under normal storing and handling conditions.
 The solution (and solids in solution) does not support combustion and may act as a fire retardant.
 Hazardous decomposition products unknown.

11. TOXICOLOGICAL INFORMATION

This preparation has not been assessed for this end point, so its hazardous property in this regard is not known.

12. ECOLOGICAL INFORMATION

Not classified as harmful to the environment

Mobility: The nitrate ion is mobile. The ammonium ion is absorbed by soil.
Persistence/Degradability: The nitrate ion is mobile; the ammonium ion is absorbed by soil particles. Phosphates, whether water or citrate soluble, are translocated in the soil over very short distances and are then immobilised. The dissolved potassium ion in the soil solution is absorbed by clay minerals; where these are absent in light soils, part of the potassium may be leached.
Bio-accumulation: The product does not show any bio-accumulation phenomena.
Ecotoxicity: Low toxicity to aquatic life.

13. DISPOSAL CONSIDERATIONS

Depending on the degree of contamination, dispose of through application thinly on open ground or to an authorized waste facility. Take care to avoid the contamination of watercourses and drains. Inform the appropriate water authority in the event of accidental watercourse contamination.

Disposal of used preparation: Dispose of bulk quantities in accordance with local regulations and/or via specialized waste contractor

Disposal of packaging: Use specialist waste contractor in accordance with local regulations

14. TRANSPORT INFORMATION

UN Classifications: Not classified, i.e. considered non-hazardous material according to the UN Orange Book and international transport codes, e.g., RID (rail), ADR (road) and IMDG (sea).

15. REGULATORY INFORMATION

EC Directives: 76/116/EEC (Relating to fertilisers) and 2001/59/EC

National Regulations: The Fertilisers Regulations 1991 and subsequent amendments.

16. OTHER INFORMATION

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.

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