

1. IDENTIFICATION**Preparation** PHOSTROGEN PLANT FOOD**Application** Fertilizer**Company:** pbi Home & Garden Limited, 1 Martinbridge Trading Estate
Lincoln Road, Enfield, Middlesex EN1 1SP**Emergency telephone:** During working hours: ++ 44 (0)20 8344 6800
Outside normal working hours: ++ 44 (0)1635 563000

2. COMPOSITION / INFORMATION ON INGREDIENTS**Composition:** **NPK FERTILISER 14-10-27**
A mixture of potassium nitrate, ammonium phosphate, urea, calcium and magnesium sulphates with trace elements.**Hazardous Ingredients**

Potassium Nitrate	Maximum 60.0% (CAS No: 7757 -79-1)
Urea	Maximum 5.0% (CAS No: 57-18-6)
Mono Ammonium Phosphate	Maximum 20.0% (CAS No. 7783-20-2)
Ethylene Diamine Tetra	
Acetic Acid	Maximum 1.0% (CAS No. 6381-92-6)

3. HAZARDS IDENTIFICATION

Eyes :	May cause mild irritation
Skin:	May cause irritation or dryness of skin
Swallowed:	No known toxic effects, may cause irritation
Inhalation:	May cause coughing and mild irritation
Human health effects:	On the basis of available information, this material is not expected to produce any significant adverse health effects when recommended use instructions are followed.
Environmental effects:	On the basis of available information, this material is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.
Chronic:	No chronic health effects have been identified

4. FIRST-AID MEASURES

Inhalation:	Remove patient to fresh air.
Skin Contact:	Wash skin thoroughly with water.
Eye Contact:	Irrigate thoroughly with water and if discomfort persists, obtain medical attention
Ingestion:	In case of accidental contamination, wash out mouth with plenty of water. After ingestion in quantity, wash out mouth, give water to drink and obtain medical attention.
Medical Advice:	To be administered by qualified medical personnel. No specific antidote. Symptomatic measures. Supportive methods.

5. FIRE FIGHTING MEASURES

Non flammable product.

In a fire situation use water, carbon dioxide or foam.

In the event of fire nearby, rapid removal of material or dousing with water;
self contained breathing apparatus.

Explosive limits: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protection recommended in section 8.
Avoid breathing dust and other personal contact.

Environmental precautions: Low environmental hazard when used as recommended.
Do not dispose of down the drain or into the natural environment.
If serious contamination of drains or watercourses is unavoidable, warn the Local Water Authority immediately.

Methods for cleaning up: Carefully sweep up and place in a labelled receptacle for safe disposal.
Large spillage's should be swept up and placed in containers for disposal.

Contaminated area should be washed down with plenty of water.

7. HANDLING AND STORAGE

Handling: Not dangerous if proper industrial standards are applied.

Storage: Store in original containers in a well ventilated dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: See section 10 - 'materials to avoid'

Occupational exposure standard: As for general dust 10mg m⁻³

Respiratory protection: No special requirements when used as recommended

Hand protection: Wear impermeable gloves

Eye protection: No special requirements when used as recommended

Skin Protection: Wear suitable protective clothing - overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Free flowing, off white crystalline powder

Odour: None

pH (as such): 5g in 100 cm³ 4.4

Flash point: Not relevant

Specific gravity: 1.12 (at 20°C)

Solubility in water: 5g in 100 cm³, with negligible insoluble matter

Change in Physical State: Fuses 200°C - 300°C

Vapour Density: Not relevant

Viscosity: Not relevant

10. STABILITY AND REACTIVITY

Conditions to avoid: Product fuses 200°C - 300°C
Hazardous thermal decomposition products
Oxides of nitrogen and acid fumes at high temperatures

11. TOXICOLOGICAL INFORMATION

Laboratory data: The toxicological information given here is based on calculated figures taken from the data on the formulants.

Formulation:

Oral LD₅₀ (rat) >5000 mg / kg. Not classified as harmful.

Dermal LD₅₀ (rat) > 5000 mg / kg. Not classified as harmful.

Tests on the formulants have shown that they did not cause any mutagenic, carcinogenic, teratogenic or adverse reproductive effects.

12. ECOLOGICAL INFORMATION

Assessment: If properly handled, this material should not present a serious environmental hazard.

13. DISPOSAL CONSIDERATIONS

Local Authority may accept sweeping or arrange disposal by a licensed contractor or dispose of safely in accordance with regulations.

Treatment of soiled packaging: wash with water and recover the water used.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

EC Classification: This preparation is not classified as dangerous (based on test data and the provisions of "The Chemical (Hazard Information and Packaging) Regulations 1994", and the Preparations Directive 88/379/EEC).

16. OTHER INFORMATION

Please contact pbi Home & Garden Limited. if further information is needed.