

Granular PK Compound Fertiliser – 0.15.30/0.23.23/0.20.25

Material Safety Data Sheet

Payne Crop Nutrition Ltd,
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Hempton,
Fakenham
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1. Substance Identification

Product Name:	NutriLink – A multi nutrient granular fertiliser
Description:	Product from the burning of a combination of carbonaceous materials
CAS No:	68131-74-8
EC No:	931-597-4
Supplier:	Payne Crop Nutrition, Agri-Park,Hempton,Fakenham,Norfolk,NR21 7DY
Tel:	01328 864864
Intended use:	Agricultural and horticultural fertiliser

2. Composition

NutriLink range contains Phosphate (P2O5), Potash (K2O) , Sulphur (S03) , Calcium (Ca) and trace elements including Magnesium 5, Manganese 3826, Copper 616, Zinc 3246, Sodium 2.6, Selenium 6.6 and Boron 330, all are (mg/kg)

3. Hazard Identification

Not hazardous

4. First Aid Measures

Eyes	Wash eyes with plenty of water for 15 minutes and seek medical attention if discomfort persists.
Skin	Treat symptomatically and rinse exposed skin and decontaminate clothing after exposure.

Inhalation	Following exposure move the patient to fresh, outdoor air and seek medical attention if discomfort persists.
Ingestion	Rinse the mouth and drink plenty of water and seek medical attention if symptoms persist. Do not give an unconscious person anything to drink.

5. Fire Fighting Measures

Extinguishing media	Use an extinguishing media suitable for the fire source.
Special hazards arising from the substance or mixture	No specific fire hazards.
Protection for firefighters	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus. Contain and collect the effluent water used to fight the fire and prevent environmental contamination.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear dust mask if dust is airborne and use gloves with protracted exposure.
Environmental precautions	Avoid environmental contamination to waterways via drains and sewers. Inform the relevant authorities if spillage is likely to cause an environmental hazard (sewers, waterways, soil or air). Sweep up material and place in a designated, labelled waste container and dispose of via a licensed waste disposal contractor.
Methods and materials for containment for cleaning up	No specific information.

7. Handling and Storage

Precautions for safe handling	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering canteen areas. Use appropriate personal protective equipment. Do not ingest and avoid prolonged contact with eyes, skin and clothing.
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Conditions for safe storage, including any incompatibilities	Store in a dry area. Absorbs moisture on long term storage under high humidity conditions. If product has caked or has adhered to the storage or transport container, stay out of the potential engulfment zone in case the material collapses. Store in accordance with local regulations and ensure that bulk bags or smaller packaged products stored in tiers are stacked to prevent sliding, rolling or collapse.
Specific end use	No additional information.

8. Exposure Control / Personal Protection

United Kingdom	Limit Value – 8 hours: 10mg/m ³ inhalable aerosol, 4mg/m ³ respirable aerosol
Individual protection measures	Safety eyewear complying with an approved standard should be used when a risk assessment indicated this is necessary. Cotton or cotton/synthetic overalls or coveralls and gloves are normally suitable. Footwear appropriate to the task. Fully functional and serviced respirators may be worn in accordance with site risk assessment.

9. Physical and Chemical Properties

Appearance: Brown/grey granular
Typical Composition: 2-5mm granual
Odour: None

10. Chemical stability

Stable and non-reactive, no decomposition if used according to specifications

11. Toxicology Information

Acute toxicity: Not classified. Ingestion of large amounts may cause gastro-intestinal irritation. Inhalation may cause discomfort to the nasal passage.

Skin corrosion/irritation: Prolonged contact may cause dermatitis.

Serious eye damage/irritation: May cause short term discomfort due to mechanical action.

12. Ecological Information

The material may be used as a soil improver for crop production at the recommended usage rate and should not cause ecological damage. Large amounts in a watercourse would increase alkalinity and introduce phosphates.

13. Disposal Considerations

Waste treatment methods	Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible in accordance with local regulation. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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14. Transport Information

Not classified as hazardous for transport

15. Regulatory Information

Safety, health and environmental regulations / legislation specific for the substance or mixture	No further relevant information.
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16. Other Information

No additional information