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SAFETY DATA SHEET

29/11/11

PRODUCT IDENTIFICATION

Trade Name: Single Superphosphate.
Product Description: Mono-Calcium Phosphate $\text{Ca}(\text{H}_2\text{P}_04)_2\text{H}_2\text{O}$.

PHYSICAL PROPERTIES

Form: Powder. Slightly acidic.
Slightly corrosive to mild steel.
Colour: White / Grey / Brown.
Solubility: Soluble in water.

CHEMICAL & THERMAL PROPERTIES

Chemical Properties: Stable under normal storage and handling conditions.
Effects of Heat & Fire: Not in itself combustible.
Explosive Behaviour: Not applicable.

TRANSPORT

Single Superphosphate is generally stable. Ensure free of contaminants.

PERSONAL PROTECTION

Wear dust respirator. Wear gloves and goggles. Occupational Exposure Standards have been established for atmospheric dust – see HSE Notes EH40.



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FIRE FIGHTING

When the fertiliser is not directly involved in the fire use the best means available to control the fire. When the fertiliser is involved: ♦ Avoid breathing the fumes, if possible wear approved breathing apparatus ♦ Call the Fire Brigade ♦ Open doors and windows to give maximum ventilation ♦ Use plenty of water ♦ Do not allow molten fertiliser to run into drains. If water containing fertiliser enters drain or water course inform the water authority as soon as possible.

NOTE ALSO FIRST AID PRECAUTIONS.

FIRST AID

Skin Contact:	May be slightly acid, prolonged exposure may result in some irritation. Wash exposed skin thoroughly after use.
Eye Contact:	Causes irritation on contact. Irrigate eyes with water thoroughly for 15 minutes.
Ingestion:	Unlikely that sufficient could be accidentally ingested to cause hazard. Small quantities unlikely to be harmful. Large quantities may cause gastro-intestinal disorders – wash and rinse mouth, give neutralising agent to drink and obtain medical advice.
Inhalation:	Dust has low toxicity but may form deposits in nose and respiratory tracts.

OBTAIN MEDICAL ADVICE IF ANY OF THE ABOVE SYMPTOMS PERSIST

STORAGE

Locate away from sources of heat, fire and explosion. Store under cover, in original containers in a secure and well ventilated cool dry area. Store clear of foodstuffs and in a separate stack from herbicides.



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SPILLAGE

Spillages are collected and used for its purposes if possible. Sweep up gently to avoid raising dust and place in suitable marked container. Contaminated material can be disposed of in an approved land fill, in accordance with local regulations depending on type and extent of contamination if any other disposal methods may be required by environmental agencies.

USER RESPONSIBILITY

This safety data sheet provides health and safety information. The product is to be in applications consistent with company advice. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. Please consult company sales office for any further advice. To the best of the company's knowledge the information contained in this data sheet is correct at the time of publication. The user should contact the company for updated advice and in any event must be satisfied that the product is entirely suitable for its intended use. The company accepts no liability for any loss or damage resulting from reliance on this information.

