



MATERIAL SAFETY DATA SHEET

Page 1 of 4
Issued: August 2011

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Pheast**
insect feeding stimulant

Company: MILLER CHEMICAL & FERTILIZER (AUSTRALIA) PTY LTD.
Address: Level 3 / 141-149 Ifould Street,
Adelaide, SA, 5000
ACN/ABN: 086 969 628
Telephone Number: 08 8290 9300 **Fax Number:** 08 8290 9350
Full Product Name: Pheast Insect Feeding Stimulant Wettable Powder
Other Names: Insect feeding attractant
Use: An insect attractant for addition to insect sprays.

DISTRIBUTED BY: Agspec Australia Pty Ltd
Address: Lot 1 Wandilo Road,
Mt Gambier, SA, 5291
ACN/ABN: 40 109 573 953
Telephone Number: 0427 490 551 **Fax Number:** 08 8125 6555
Emergency Contact: 0457 733 763

Section 2. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of ASCC.
Not classified as a Dangerous Good according to the ADG Code

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients*:

CHEMICAL	PROPORTION
Vegetable flour, oil, nutritional yeast and silicon dioxide - all ingredients have been determined not to be hazardous	100% w/w

* The formulation of this product is proprietary information

Section 4. FIRST AID MEASURES

FIRST AID

Ingestion: Not expected to have any harmful effects. May be irritating to the intestines.
Eye contact: If in eyes, hold eyes open and wash with water. See a doctor if irritation occurs and persists. May cause transient irritation.
Skin contact: If skin contact occurs, wash skin with soap and water. Repeated or prolonged contact may cause mild irritation.
Inhalation: Remove to fresh air. Dust may cause irritation to the mucous membranes.

Section 4. FIRST AID MEASURES (Continued)

Advice to Doctor: Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Extinguishing media: This product will burn under fire conditions and start self heating at temperatures > 127°. Sparks may ignite the product but it will not explode. Extinguish fire with water spray or water fog, foam, carbon dioxide or dry chemical powder.

Hazards from combustion products: Can emit toxic fumes when burned.

Precautions for fire-fighters and special protective equipment: Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or vapours generated.

Section 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures / Material and methods for containment and cleanup procedures: For good hygiene practices, wear protective equipment to prevent skin contamination. In the case of spillage, contain and absorb spilled material with absorbent material such as sand or clay and dispose of waste as indicated in section 13. Water can be used to damp down the product to help in recovery.

Section 7. HANDLING AND STORAGE

Precautions for safe handling: Wash hands after use.

Conditions for safe storage: Not classified as a Dangerous Good. This product is a not a scheduled poison. Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

No exposure limits have been established for this product by ASCC.

Biological Limit Values:

No biological limit allocated.

Engineering Controls:

Use in ventilated areas. Keep containers closed when not in use. No special engineering controls are required for normal use.

Personal Protective Equipment (PPE):

Skin: Use normal hygiene practises when opening the container and using the product, by wearing cotton overalls and rubber gloves. Wash before smoking, eating or using toilet facilities. Wash hands after use.

Respiratory Protection: Generally not required.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white to yellow orange coloured free flowing powder.
Odour:	Vegetable oil odour.
Boiling point:	Not applicable.
Freezing point:	Not applicable.
Bulk density:	400-500 kg/m ³ .
Solubility in Water:	Not soluble - forms a suspension.
pH:	Neutral.



Section 9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

Flammability: Not flammable.
Corrosive hazard: Not corrosive.
Poisons Schedule: Not a scheduled poison.

Section 10. STABILITY AND REACTIVITY

Chemical Stability: Product is considered stable.

Conditions to Avoid: Avoid exposure to heat and sparks. May begin self heating at temperatures greater than 127°C. Sparks may ignite product but will not explode.

It is possible that the product may form an explosive organic dust cloud, but is unlikely due to the formulation ingredients that suppress dust formation.

Incompatible Materials: Can react with strong oxidising agents.

Hazardous Decomposition Products: If involved in a fire, it may emit fumes containing toxic compounds, such as carbon monoxide and carbon dioxide.

Hazardous Reactions: May begin self heating at temperatures greater than 127°C.

Section 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

ACUTE EFFECTS

Swallowed: Low toxicity. Acute oral LD₅₀ > 5,000 mg/kg.

Eye: Not irritating.

Skin: Low toxicity. Not irritating.

Inhaled: Low toxicity.

Long Term Exposure: Inhalation of high dust concentrations of silicon dioxide over a long period of time may product fibrotic lung disease. However this is unlikely to occur with this product due to the dust suppressants in the formulation.

Section 12. ECOLOGICAL INFORMATION

Environmental effect: This product is not expected to have any significant environmental effects. The product is biodegradable. Avoid contaminating waterways with the product or used container.

Section 13. DISPOSAL CONSIDERATIONS

Spills and Disposal: Persons involved in cleanup should use normal hygiene practises when cleaning up spills - see section 8. Vacuum, shovel or pump waste into an approved drum. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. If recycling container, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit.



Section 14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good. Product will burn.

Section 15. REGULATORY INFORMATION

Under the Standard for Uniform Scheduling of Drugs and Poisons (SUSDP), this product is not a scheduled poison.

This product is not required to be registered under the Agricultural and Veterinary Chemicals Code Act 1994.

This product is not classified as a Hazardous Substance under the criteria of ASCC.

This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Pheast is a registered trademark of Miller Chemical & Fertilizer Corporation - USA.

Section 16. OTHER INFORMATION

Issue Date: 8 April 2010. (Revised to update address and telephone details).

Key to abbreviations and acronyms used in this MSDS:

ADG Code = Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

ASCC = Australian Safety & Compensation Council (formally known as the National Occupational Health & Safety Commission (NOHSC)).

NOHSC = National Occupational Health and Safety Commission.

PPE = Personal protective equipment.

References

1. "Search Hazardous Substances". Australian Safety and Compensation Council website. (2008).
2. "Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

End MSDS

