

SAFETY DATA SHEET

SMARTShot B₁₂

Section 1: Identification of the Substance and Supplier

Item	Description
Product names	SMARTShot B ₁₂
Recommended use	For the treatment and prevention of cobalt deficiency in sheep and cattle. Over-the-counter Animal Remedy
Company details	Distributed by Stockguard Animal Health Ltd.
Address	26-30 Maui St, Pukete Park, Hamilton.
Phone number	07 849 6782
Emergency telephone number	During business hours: 07 849 6782 Outside business hours, call National Poisons Centre on 0800 764 766.
Date of preparation	10 th August 2007

Section 2: Hazards Identification

Item	Description
Hazard classifications	Classified as non-hazardous under the HSNO Act (1997)
Health hazards	This product is generally regarded as being of low risk to health. The main health hazard from this material is the risk of an allergic response in persons sensitive to peanuts or products derived from them. On exposure to moisture, the polymer degrades gradually to form organic acids which may irritate skin or eyes if not removed.

Section 3: Composition / Information on Ingredients

Chemical identity of Hazardous Ingredients	CAS no.	Content (% w/v)
Arachis (peanut) oil	8002-03-7	95%

Section 4: First Aid Measures

Item	Description
Symptoms of acute overexposure	On prolonged skin contact a rash may develop. For allergic individuals the symptoms are more severe and may include breathing difficulties. Immediate medical assistance is recommended.
Symptoms of chronic overexposure	Chronic overexposure may lead to the development of an allergy.
First Aid: If swallowed	Small quantities are harmless, in the absence of an allergic response. For larger quantities (several hundred mls for example), contact doctor or National Poisons Centre (0800 764 766). DO NOT INDUCE VOMITING. Wash out mouth thoroughly with water & give plenty of water to drink. If necessary, lean patient forward or place on left side (head down, if possible) to maintain open airway & prevent aspiration & refer for medical attention without delay. Provide a copy of this document to the practitioner.
Eye contact	Immediately hold eyes open & wash continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart & away from eye & moving the eyelids by occasionally lifting the upper & lower lids. If discomfort persists, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin contact	Immediately flush body & clothes with water. Remove all contaminated clothing & footwear. Wash affected areas thoroughly with water (& soap if available). Obtain medical attention if irritation develops. Wash clothing before re-use.
Inhaled	Inhalation of this product is unlikely but if it does occur, remove the patient to fresh air. Lay patient down. Keep warm & rested & observe for any signs of an allergic reaction. If breathing is difficult, obtain medical attention.
Advice to doctor	Treat symptomatically. Treat as for an actual or potential allergen.

Section 5: Fire Fighting Measures

Type of hazard	No unusual hazards associated with fire or explosions are known.
Fire hazard properties	May emit toxic fumes when exposed to fire or heat. Flash point: 300 ^o C. Ignition temperature: not known.
Special fire fighting precautions	Wear self-contained breathing apparatus.
Extinguish with	Carbon dioxide, foam or powder.

Section 6: Accidental Release and Disposal Measures

Item	Description
Personal precautions	Emergency procedures: Ensure suitable protective clothing is worn. For small volumes, chemical-resistant gloves & goggles will suffice. For large volumes, protective boots & overalls should also be worn.
Environmental precautions	Spilled product & washings must be prevented from entering any drains or waterways, or from contaminating the ground.
Procedure for a spill	Keep all bystanders away. Wear appropriate protective gear. Re-position any leaking containers to minimise any further leakage. Dam & absorb spill with an absorbent material (sand or soil). Shovel the absorbed material into a drum or similar robust container. Dispose of in an approved landfill. Decontaminate the spill area with detergent & water & rinse with the smallest volume of water possible.

Section 7: Handling and Storage
ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS AND WARNINGS

Handling	Store in original container, tightly closed, away from foodstuffs. Do not eat, drink or smoke while using. If sensitised, wear chemical-resistant gloves, goggles, overalls and shoes when handling. Avoid contact with skin & eyes. Remove protective clothing and wash hands and face thoroughly before meals and after using this product. Avoid self-inoculation.
Storage	Keep out of reach of children. Store in original container, tightly closed, away from foodstuffs. Store upright in a cool place. Do not freeze. Protect from light.

Section 8: Physical and Chemical Properties

Item	Description
Appearance	Clear, oily suspension of red microspheres.
Odour	Odourless.
Flash point	300°C
Ignition temperature	Not known.
Flammability	Flammable.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Combustibility	The oil in this product will burn.
Corrosiveness	Not corrosive.
Specific gravity	0.923
pH	Not applicable.
Solubility	Not soluble in water.

Section 9: Stability and Reactivity

Item	Description
Stability	Stable under recommended storage conditions.
Conditions to avoid	Temperatures exceeding 30°C or less than 2°C.
Materials to avoid	Solvents which may degrade the container.
Hazardous decomposition products	On heating to decomposition, may emit toxic fumes.
Hazardous polymerisation	Does not occur.

Section 10: Toxicological Information

Acute toxicity (LD50)	Not known (not regarded as acutely toxic)
Chronic toxicity	Not known (not regarded as chronically toxic).
Mutagenicity	Not mutagenic.

Section 11: Environmental Information

Item	Description
Aquatic environment	Not regarded as ecotoxic in the aquatic environment but obviously large quantities of product in a small volume of water would be detrimental.
Soil environment	Not regarded as ecotoxic in the soil environment.

Section 12: Disposal Considerations

Item	Description
Procedure for product disposal	Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.
Procedure for container disposal	Ensure container is completely empty. If permitted under Local Authority Plans burn if circumstances, especially wind direction, permit otherwise crush & bury in an approved Local Authority facility. DO NOT use the container for any other purpose.

Section 13: Transport Information

Since the product is not classified as hazardous, no special restriction or controls apply to its transportation.

Section 14: Regulatory Information

Item	Description
HSNO approval code	Not applicable – classified as non-hazardous.
HSNO controls	Not applicable – classified as non-hazardous.
Approved handlers	Not required.
ACVM registration	Registered pursuant to the ACVM Act 1997, A8147
ACVM controls	See www.nzfsa.govt.nz/acvm/ for registration conditions.