

SAFETY DATA SHEET



Virbac New Zealand Limited

SMARTShot B₁₂

Section 1: Identification of the Substance and Supplier

Product name:	SMARTShot B₁₂
Recommended use:	For the treatment and prevention of Cobalt deficiency in sheep and cattle. Over-the-counter Animal Remedy
Company details:	Distributed by Virbac New Zealand Limited
Address:	26 -30 Maui St, Pukete Park, Hamilton
Telephone number:	(07) 849 6782
Customer service toll free number:	0800 VIRBAC (0800 847 222) (Mon – Fri, 8.30 am – 4.30 pm) www.virbac.co.nz
Emergency telephone number:	National Poison Center: 0800 POISON (0800 764 766) New Zealand Emergency Service 111
Date of preparation:	27 June 2017

Section 2: Hazards Identification

Hazard classifications:	Non-hazardous
Priority identifier:	N/A
Secondary identifiers:	N/A
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

Product components:	Ingredients	CAS Number	Proportion (% w/v)
	Arachis (peanut) oil	8002-03-7	95

Section 4: First Aid Measures

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.
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.
Inhalation:	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.
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.

Workplace facilities:	No specific workplace facilities required.
Required instructions:	Avoid contact with skin and eyes. If skin or eyes irritation occurs wash off immediately.
Notes for medical personnel:	If swallowed do NOT induce vomiting. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766)

Section 5: Firefighting Measures

Type of hazard:	Non-flammable
Fire hazard properties:	May emit toxic fumes when exposed to fire or heat. Flash point: 300°C. Ignition temperature: Not known
Regulatory requirements:	Do not handle until all safety precautions have been read and understood.
Extinguishing media and methods:	Water spray or fog / foam / dry chemical powder / carbon dioxide.
HAZCHEM:	N/A
Recommended protective clothing:	Breathing apparatus for fire only.

Section 6: Accidental Release Measures

Emergency procedures:	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 and 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 and water and rinse with the smallest volume of water possible.

Section 7: Handling and Storage

Precautions for safe 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.
Approved handlers:	Not required
Conditions for safe storage:	See below
Store site requirements:	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.
Packing:	No specific packaging requirement.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Guidelines:	No working exposure standards have been established.
Exposure standards outside the workplace	No tolerable exposure limit (TEL) or environmental exposure limit (EEL) are set for this substance at this time.
Engineering controls:	N/A
Personal protective Equipment (PPE):	When handling bulk quantities, wear suitable gloves, protective clothing, to avoid prolonged breathing of dust or contact of dust with skin. Wash thoroughly with soap and water after handling.

Section 9: Physical and Chemical Properties

Appearance:	Clear, oily suspension of red microspheres
Odour	Odourless
Flash point	300°C
Ignition temperature	Not known
Specific Gravity:	0.923 g/L

pH:	N/A
Solubility in Water:	Not soluble in water
Flammability:	Flammable
Combustibility:	The oil in this product will burn
Explosive properties	Not explosive
Oxidising properties	Not oxidizing
Corrosiveness	Not corrosive

Section 10: Stability and Reactivity

Stability of the substance:	Stable under normal conditions of use.
Conditions to avoid	Temperatures exceeding 30°C or less than 2°C.
Material to avoid:	Solvents which may degrade the container.
Hazardous decomposition products:	On heating to decomposition, emits toxic fumes.
Hazardous polymerization:	Does not occur
Specific Data	N/A

Section 11: Toxicological Information

Acute toxicity (LD50)	N/A
Chronic toxicity	N/A
Mutagenicity	Not mutagenic

Section 12: Ecological Information

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.

Section13: Disposal Considerations

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.

Section14: Transport Information

Transport information:

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

Section15: Regulatory Information

Registration number:

A008147

For conditions of registration see <http://www.foodsafety.govt.nz>

HSNO Classification:

Non-hazardous

For a full listing of controls see <http://www.epa.govt.nz>

Section 16: Other Information

For product information visit the Virbac website www.virbac.co.nz
While the information set forth is believed to be accurate as of the date hereof, Virbac New Zealand Limited. makes no warranty with respect hereto and disclaims all liability from reliance thereon.