



Date of Issue: 24 June 2011

Date of previous issue: 06 July 2009

SDS NUMBER A18055/5/NZ

1. Identification of the Substance/Mixture and Supplier.		
Product name:	Catosal	
Other Product Names:	Butaphosphan, Cyanocobalamin, Coforta 10%	
Application:	Injectable phosphorus and Vitamin B ₁₂ supplement for animals.	
ERMA approval:	Non Hazardous	
Company:	Bayer New Zealand Limited, 3 Argus Place, Hillcrest, Auckland 0627.	
Telephone:	0800 652 488	
Facsimile:	0800 229 838	
Emergency telephone:	0800 734 607 Orica SH&E Shared services (24hr)	
2. Hazards Identification.		
Hazard Classification:	Classified as non-hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.	
3. Composition/Information on Ingredients.		
<u>Chemical Entity</u>	<u>CAS No</u>	<u>Proportion</u>
Butaphosphan	17316-67-5	10%
Cyanocobalamin	68-67-5	0.005%
Other ingredients, predominantly water, determined not to be hazardous.	-	>60%
Butaphosphan is 1-(n-butylamino)-1-methylethyl-phosphonous acid		
Cyanocobalamin is Vitamin B ₁₂		
4. First Aid Measures.		
General Information:	Adverse reaction to product during normal use is not expected to occur.	
Skin Contact:	Remove contaminated clothing, including footwear. Wash affected areas thoroughly with soap and water for at least 15 minutes.	
Eye Contact:	Immediately wash open eye in a flow of water for at least 15 minutes.	
Ingestion:	Seek medical assistance. Take container / label or MSDS for identification.	
Inhalation:	Inhalation is not a route of exposure of this product.	
Notes for medical personal:	There is no specific advice to the physician for this product. Poisoning with this product is unlikely, even after accidental self-injection.	
Further Information:	Contact the National Poisons and Hazardous Chemicals Information centre in Dunedin, PO Box 913, Dunedin. Phone 0800 764 766, 0800 POISON.	
5. Fire-Fighting Measures.		
Extinguishing media and methods:	Sprayed water jet, foam, dry chemical powder CO ₂ and sand.	
Recommended protective clothing:	Fire fighters should wear self contained breathing apparatus in enclosed areas.	
Further Information:	Fight fire in the early stages if safe to do so.	



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Make provision for product and fire fighting water to be retained.	
6. Accidental Release Measures.	
Spill and leak procedure:	Do not empty into drains or waters. Take up spilled product with absorbent material (e.g. hydrated lime, soil, or paper towel depending on size of spill). Sweep up any broken glass from vials. Avoid cuts from broken glass vials. Place swept material in sealable container. To clean the floor and all objects contaminated by this material, use damp cloth. Also place used cleaning materials into closable receptacles. Do not eat, drink or smoke during cleanup operation.
Protective Equipment:	Under normal conditions no protection is required.
7. Handling and Storage.	
Handling:	No specific recommendations.
Storage:	Keep out of reach of children. Store away from food, drink and animal feed stuffs. Store below 30°C. To preserve product quality protect from temperatures below 0°C. Keep away from heat or moisture.
8. Exposure Control/Personal Protection	
Engineering measures:	No specific recommendations.
Respiratory Protection:	No respirator is required under normal conditions.
Hand Protection:	No skin protection is required under normal conditions, under other conditions wear rubber gloves. Wash hands after use
Eye Protection:	No eye protection required under normal conditions, under other conditions wear safety goggles
Hygiene measures:	Keep the place of work clean. Avoid contact with product. Keep working clothes separate. Change badly soiled or soaked clothing.
9. Physical and Chemical Properties	
Form:	Liquid, injectable solution
Colour:	Pink
Odour:	Odourless
Boiling Point:	Approx. 100°C
Density:	Approx 1.0148 g/cm ³ at 20°C
Solubility in water:	Miscible
pH:	5.4-5.6 (undiluted)
Other information:	Light sensitive. The product is sterile and packed in 100ml multi-dose glass vials.
10. Stability and Reactivity	
Chemical Stability:	Product is stable. No hazardous reactions
Conditions to avoid:	Avoid strong oxidising agents.
Incompatible materials:	None.
Hazardous decomposition:	Thermal decomposition products not determined. Product is close to 90% water therefore will not likely decompose to hazardous decomposition products.
Hazardous reactions:	Will not polymerise.
11. Toxicological Information	



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Acute toxicity:	LD ₅₀ oral, rat: >14 000mg/kg There are no known toxic effects from overexposure to butaphosphan and Vitamin B ₁₂ .
Skin irritation:	Non irritant
Eye irritation:	Non irritant
Other information:	None of the ingredients in this product have been known to show reproductive, mutagenic and carcinogenic effects.
12. Ecological Information	
Octanol/Water Partition Co-efficient	Not determined.
Ecotoxicity	There is no information on the ecological effects of this product, however the ecological effects are expected to be negligible.
13. Disposal Considerations.	
Disposal after intended use:	Dispose of used packaging by wrapping in paper and placing in garbage.
Disposal after spill:	Dispose of sealed containers at an approved local waste disposal site.
14. Transportation Information.	
Proper Shipping Name:	Not applicable.
UN Number:	N/A
Hazard Class:	N/A
Hazchem Code:	N/A
Packing Group:	N/A
Flashpoint °C	N/A
Marine pollutant:	No
15. Regulatory Information.	
ACVM Number: A1074	
HSNO Classification: Non hazardous	
16. Other Information.	
OSH(2002) – Workplace exposure Standards, effective 2002. DFG MAK – Federal Republic of Germany Maximum workplace Concentration Values in the Workplace	

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.