



SAFETY DATA SHEET

Date of Issue: 16th July, 2014

Issue Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Queen of Calves Starter

USE: A calf rearing probiotic nutritional supplement to be administered with milk. For use on calves 4 to 18 days of age.

COMPANY IDENTIFICATION: Bell-Booth Limited
 15 Tiki Place
 Palmerston North
 New Zealand
 tel +64 6 358 9052 fax + 64 6 358 9051
www.bell-booth.co.nz

Emergency Telephone Numbers: 0800 80 90 91
 NATIONAL POISON CENTRE 0800 764 766
 POLICE, FIRE, AMBULANCE Dial 111

2. HAZARDS IDENTIFICATION

Product is classified as non-hazardous according to Schedules 1 to 6 of the *Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001* of the HSNO Act, 1996.

HSNO Classifications: Not applicable

Signal word: Not applicable

Hazard Statements :
 Not applicable

Precaution Statements :
 Not applicable

Response Statements:
 Not applicable

Storage Statements:
 Not applicable

Disposal Statements:
 Not applicable

3. COMPOSITION: INFORMATION ON INGREDIENTS

Common name	CAS. No	% w/w
Proprietary formulation of non-hazardous components	-	100

4. FIRST AID MEASURES

If medical advice is needed, have product container or label at hand. If exposed or concerned, get medical advice.

EYES: Hold eyes open and carefully rinse eyes with running water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.

SKIN: Wash affected area with soap and water. Get medical advice if irritation persists.

INGESTION: Rinse mouth. Give a glass or two of water to drink.

INHALATION: If breathing is difficult, remove to fresh air, keep warm and at rest until recovered. If experiencing respiratory problems, call a Poison Centre or doctor.

FIRST AID FACILITIES: Ensure clean running water available to rinse eyes and for hand washing.

ADVICE TO DOCTOR: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLASH POINT: Non flammable solid

FLAMMABLE LIMITS: LFL: Not determined UFL: Not determined

EXTINGUISHING MEDIA: Water, foam or dry agent.

FIRE & EXPLOSION HAZARDS: No specific hazards identified.

FIRE-FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and personal protection clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Contain spill. Recover to containers that can be sealed. If product cannot be re-used, dispose of to landfill.

DISPOSAL: Use as directed or get advice from supplier or local council to dispose of unwanted or contaminated material in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING: Wash hands before meals and after use.

STORAGE: Store in original packaging in dry, well-ventilated area. Protect from physical damage and kept closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Workplace Exposure Standard (WES) have not been set for any components in this substance.

ENGINEERING CONTROLS: Not required.

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PERSONAL PROTECTIVE EQUIPMENT (PPE):

Face/Eye protection: Wear safety glasses with side shields if handling in quantity and dust generated.

Skin protection: Rubber gloves recommended.

Respiratory protection: Not required when used outdoors and with adequate natural ventilation.

Other: Overalls recommended to protect clothes from contamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Free-flowing powder
Colour:	Off-white with fine brown specks
Odour:	Caramel like
Melting point (°C):	Not available (mixture)
Boiling point (°C):	Not applicable
Flash point (°C):	Non flammable
Auto ignition temperature (°C):	Not known
Density at 20°C, g/ml:	Not available
Solubility in water:	Soluble
pH:	Not available

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable under normal storage and use conditions.

INCOMPATIBILITY (MATERIALS TO AVOID): None identified.

HAZARDOUS DECOMPOSITION PRODUCTS: Not known.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

EYE: Direct contact with powder may irritate eye temporarily but will not cause any long term irritation or permanent damage.

SKIN: May have slight irritant effect.

INGESTION: Ingestion of large amounts may cause gastrointestinal disturbances and diarrhoea.

INHALATION: Inhalation of dust may cause short term respiratory irritation, e.g. coughing.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: No adverse effects identified.

CANCER INFORMATION: No components identified as carcinogens.

TERATOLOGY (BIRTH DEFECTS) AND REPRODUCTIVE DEFECTS: No components identified that impair fertility or the unborn child.

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): No components identified as mutagens.

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12. ECOLOGICAL INFORMATION

Product is not classified as being ecotoxic in aquatic or soil environments, terrestrial vertebrates nor terrestrial invertebrates.

However contamination through use or disposal of product to the aquatic environment; water-ways, ponds, streams, lakes, is to be avoided as water quality would be affected which would could have a detrimental effect on aquatic life.

ENVIRONMENTAL FATE: Data for product is not available.

MOVEMENT AND PARTITIONING: Product is soluble in water.

DEGRADATION AND PERSISTENCE: Product expected to be rapidly biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with Regional Authority or local council bylaws. Dispose of empty packaging by burning or burying in landfill.

14. TRANSPORT REGULATIONS

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	Not regulated	UN No.	Not regulated	UN No.	Not regulated
Proper Shipping Name		Proper Shipping Name		Proper Shipping Name	
DG Class		DG Class		DG Class	
Sub. Risk		Sub. Risk		Sub. Risk	
Pack Group		Pack Group		Pack Group	
Hazchem		Hazchem			

Dangerous Goods Segregation

This product is not classified as a Dangerous Good.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

Country: New Zealand

EPA New Zealand HSNO Approval Code: Not applicable (product non-hazardous)

Refer to www.epa.govt.nz for information.

16. OTHER INFORMATION

Date of Issue: 16th July 2014
Reasons for Issue: New trade name product.
Replaces: -

Abbreviations:

EEL Environmental Exposure Limit
EPA Environmental Protection Authority
LD₅₀ Dose lethal to 50% of population
NZS New Zealand Standard

References: Supplier Safety Data Sheets
EPA web site; www.epa.govt.nz
National Library of Medicine HSDS Database, <http://toxnet.nlm.nih.gov>

Other information: -

Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s). Bell-Booth Limited disclaims any liability for loss or damage suffered from the use of this information. This does not affect your statutory rights. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for his/her own particular use.

END of SAFETY DATA SHEET