

FSDS

FEED SAFETY DATA SHEET

0.1. Product	Complete milk replacer
0.2. Version	1
0.3. Date	13/06/2016

1. Responsible FSDS

1.1. Name	Nukamel BV
1.2. Adres	Rubensstraat 175, 6717 VE Ede The Netherlands
1.3. responsible	Peter van Beek

2. Product identification

2.1 Productname	2.2 code	2.3 product discription	2.4 produced by	2.5 deliverd by
Fokkamel Plus	13200	Complete milk replacer for calves	αNL001188/16112	Nukamel BV

3. Product description

3.1. Production proces	Mixing of feed																												
3.2. Raw materials and additives	Whey powder, vegetable oil (palm, coconut), soya protein concentrate, wheat protein concentrate (hydrolyzed), premix.																												
3.3. Logistics (transport, stocking, bagging)	Bagging in factory, stocking in warehouse, container transport																												
3.4. Shelf life	12 months																												
3.5. Indicative analysis	<table border="1"> <thead> <tr> <th>Parameter</th> <th>Eenheid</th> <th>Min.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>Crude protein</td> <td>%</td> <td>20.0</td> <td>22.0</td> </tr> <tr> <td>Crude fat</td> <td>%</td> <td>16.0</td> <td>18.0</td> </tr> <tr> <td>Crude ash</td> <td>%</td> <td>8.0</td> <td>10.0</td> </tr> <tr> <td>Crude fibre</td> <td>%</td> <td>0.1</td> <td>0.5</td> </tr> <tr> <td>Humidity</td> <td>%</td> <td>3.0</td> <td>5.0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Parameter	Eenheid	Min.	Max.	Crude protein	%	20.0	22.0	Crude fat	%	16.0	18.0	Crude ash	%	8.0	10.0	Crude fibre	%	0.1	0.5	Humidity	%	3.0	5.0				
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4. standards/requirements

4.1.	Relevant legislation	<ul style="list-style-type: none"> - legislation (EG) nr. 183/2005 (Feed Hygiene) - legislation (EG) nr. 767/2009 (Feed Traffic) - EU directive 2002/32/EG (Undesirable substances and products) - Regulation (EU) no. 1829/2003 and 1830/2003 				
4.2.	Relevant standards / requirements (chemical, physical, microbial)	Parameter	unit	legislation	Contractual	Intern
		Total plate count	CFU / g		< 100.000	
		Enterobacteria ceae	CFU / g		< 1.000	
		E. Coli	CFU / 0.1 g		Absent	
		Salmonella	CFU / 25 g	Absent in 25 g	Absent	
		S. Aureus	CFU / g		Absent	
		Yeast & molds	CFU / g		< 1.000	
		Dioxins and dioxin-like PCB's	Ng WHO-PCDD/F-TEQ/kg	< 0,75	< 0,75	
		Heavy metals	mg/kg	Conform Ri. 2002/32/EG	Conform Ri. 2002/32/EG	
4.3.	Use	Complete milk replacer for calves				
4.4.	Storage conditions	Cool, dry, not in direct sunlight				
4.5.	Transport conditions	Dry, clean container (conform GMP)				
4.6.	Processing instructions	145 g + 1 L drinking water				

5. Labelling

Label conform legislation:
 ♦ EU legislation 767/2009

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6. HACCP

6.1. Risk	6.2. Risk assesment				6.3. Control measure	6.4. Motivation
	Cat. (C, M, F)	chance	gravity	risk		
Salmonella contamination (or other microbiological contamination above the max. limits)	M	small	large	3	Monitoring program Sourcing raw materials only from GMP certificated suppliers	If supplied according to GMP, minor chance on deviations, monitoring program is in place.
Chemical contamination above max. Limits (heavy metals, dioxins, PCB's,...)	C	small	large	3	Monitoring programm Sourcing raw materials only from GMP certificated suppliers. Certificates of analysis from supplier.	If supplied according to GMP, minor chance on deviations, monitoring program is in place.
Fysical contamination	F	small	large	3	Raw materials and finished products are sieved within the production process	

7. Monitoring

7.1. Parameter	7.2. Moment of analysis	7.3. Frequency
Microbiological analysis	Incoming raw materials	60 samples per year
Microbiological analyses	Finished products	60 samples per year
Dioxins and dioxin-like PCB's	Incoming raw materials	3 samples per year
Heavy metals + undisered substances	Finished products	8 samples per year

8. Remarks

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