

Definition

Diet for rats and mice.

U8959 Version 0161 semi liquid Lieber Decarli - Powder
U8959 Version 0162 semi liquid Lieber Decarli - Oils

Product Objective

Rodent diet used for alcoholic.

Method of distribution: Ad libitum or rationed according to experimental protocols.

Product Presentation

Powder to be diluted.

Packaging

- Bucket in box. Other packaging available on request.
- Shel life 6 months
- Irradiation at 10, 25 or 40 Kilograys available.

Composition

- Powder mixture (U8959 version 161) : Monohydrated Glucose, casein, pure cellulose, mineral and vitamin premix AIN, xanthan, choline bitartrate, Cystine, Methionine
- Emulsified oil (U8959 Version 162): olive oil, corn oil, safflower, soya lecithin

Instructions

Measure 1 liter of flat water (15-20°C) or alcohol.

- Put it into a mixer running at a speed of not more than 300 rpm
- Add 40,6 grams of emulsified oil (U8959 version 162)
- Mix for 30 seconds
- add 91.4 grams of the powdered mixture (U8959 version 161)
- Add maltodextrin powder according to the following chart for isocaloric diet
- Add Ethanol 95% liquid according to the following chart for isocaloric diet
- Mix for 30 seconds



Diet composition varies according to the amount of Alcohol added to maintain isocaloric diet. The figures below indicates the amount of powder and oil mixture , water, alcohol and maltodextrin to be mixed to make one kilogram of liquid diet

Level of alcohol	Powder mixture (U8959 version 161) grams/*L	Oil mixture (U8959 version 162) Grams/L	Maltodextrin Gram/L	Water L/L	Ethanol 95% Gram/L	Energy level (kcal/L)
0%	90.9	40.6	89.6	778.9	0	1011.4
1%	90.9	40.6	60	798.0	10.5	1005.7
2%	90.9	40.6	45	802.4	21.1	1058.0
3%	90.9	40.6	25	811.9	31.6	1089.8
4%	90.9	40.6	10	816.4	42.1	1141.0
5%	90.9	40.6	0	815.9	52.6	1211.7

Use in feeding bottles

- Mix the liquid diet regularly to avoid flocculation and sedimentation
- Protect it from light
- Renew the diet every 3 days
- Take care with mean of distribution: bottle can clog with particles, bottle must be shaken and inverted several time per day
- Mouse will consume 20-30ml / day
- Rat will consume 80-100 ml/day
- A transition period between dry diet (pellet) and liquid diet is recommended

(*) The information in this document is provided in good faith but does not carry any guarantee as to the results obtained.

It has no other purpose than to inform you so that you can verify its exactitude and facilitate your research.

