

SAFE® U8959 Version 131

Definition

5% CASEIN 60.2% CORN STARCH
Proteins controlled custom diet for Rats & Mice

Product Purpose

To be used within the context of experimental protocols.



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Picture indicative only

Directions for Use

DISTRIBUTION

Period

According to the experimental protocol. A transition period to SAFE custom diet during weaning is recommended.

Method

- Ad libitum or rationed according to experimental protocols.
- Remove from the packaging and place directly in the cage dieting dish or on the cage floor.

DAILY CONSUMPTION

Varies depending on species, strain, weight and age. Rats 18 to 25 g, mice 3 to 6 g, hamsters 8 to 12 g.

STORAGE

Store in a clean, and dry place, at 4°C, protected from light.

SHELF-LIFE from the date of production

Bucket or Bag: 6 months

Irradiation

Possible doses: Minimum 10, 25 or 40 kilograys.
This Custom Diet is Not Autoclavable.

Product Form

PELLETS	Mean
Diameter	10-12 mm
Crushing resistance	> 5 kgf/cm ²
Abrasion resistance	> 90 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

Product Presentation

*All SAFE® diets are available with different packaging, irradiation and with analytical data on demand.

Selected solutions of the most sold items from the SAFE® portfolio.

DIET	STANDARD PACKAGING		USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE® U8959 v. 131*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE® U8959 v. 131*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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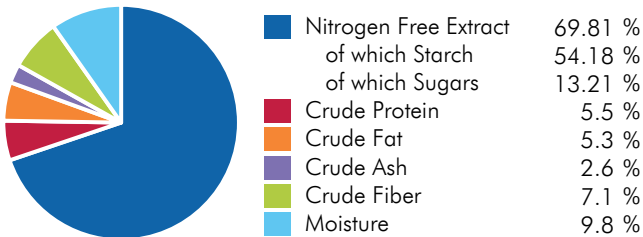
Ingredients

Pregelatinized cornstarch, dextrose, crude cellulose, casein, pre-mixture of minerals PM AIN 93M_G 3,5%, lard, corn oil, colza oil, pre-mixture of vitamins PV AIN 93M_G 1%, choline bitartrate.

CENTESIMAL COMPOSITION

Animal Proteins	5.8 %
Vitamins & Minerals	4.7 %
Forages & Fibers	10 %
Carbon Hydrates	74.5 %
Oils & Fats	5.0 %

NUTRITIONAL COMPOSITION



ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	13.9	3309.6	
ME Atwater	14.6	3487.1	
Energy from proteins	0.91	218.3	6.3
Energy from lipids	2.0	476.6	13.7
Energy from NFE	11.7	2792.2	80.1

More information on energy calculation: www.safe-lab.com

Theoretical Calculated Values

TOTAL PER KG

AMINO ACIDS

Arginine	1 972 mg	Methionine	1 566 mg
Cystine	203 mg	Tryptophan	609 mg
Lysine	4 515 mg	Glycine	986 mg

FATTY ACIDS

Palmitic acid	7 091 mg	Sum SFA	10 609 mg
Stearic acid	3 148 mg	Sum UFA	35 624 mg
Palmitoleic acid	668 mg	Sum MUFA	20 793 mg
Oleic acid	20 025 mg	Sum PUFA	14 831 mg
LA	12 910 mg	Cholesterol	18 mg
ALA	1 581 mg		
Sum n-3	1 581 mg		
Sum n-6	13 250 mg		

MINERALS

	END PRODUCT
Calcium	4 934 mg
Phosphorus	2 285 mg
Sodium	1 628 mg
Potassium	3 693 mg
Magnesium	639 mg
Manganese	11 mg
Iron	56 mg
Copper	5.6 mg
Zinc	37 mg
Chlorine	1 416 mg

VITAMINS

	END PRODUCT
Vitamin A	4 334 IU
Vitamin D3	1 250 IU
Vitamin E	89 IU
Vitamin K3	6.1 mg
Vitamin B1	6.0 mg
Vitamin B2	5.8 mg
Vitamin B3	34 mg
Vitamin B5	16 mg
Vitamin B6	7.0 mg
Vitamin B9	2.0 mg
Vitamin B12	0.025 mg
Biotin	0.20 mg
Choline	825 mg

SUGARS

Glucose	12 %	Lactose	< 0.5 %
Sucrose	1.6 %		

For the welfare of animals SAFE® bedding and environmental enrichment such as SAFE® block gnawing logs and SAFE® nesting materials should be available in the cage.

The values of the end products are given as indication only and have no contractual value. They are theoretical calculated values of the diet formula without considering values from customer's compounds. Depending on production conditions, storage and analytical methods variations may occur. An analysis is performed on request.

Produced in France