

# SAFE<sup>®</sup> U8958 Version 32

## Definition

1016C  
Fiber controlled custom diet for Rats & Mice

## Product Purpose

To be used within the context of experimental protocols.

## 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

## Product Presentation

\*All SAFE<sup>®</sup> diets are available with different packaging, irradiation and with analytical data on demand.

Selected solutions of the most sold items from the SAFE<sup>®</sup> portfolio.

DIET	STANDARD PACKAGING		USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE <sup>®</sup> U8958 v. 32*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE <sup>®</sup> U8958 v. 32*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy



SAFE<sup>®</sup> U8958 Version 32

Picture indicative only

## 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 <sup>2</sup>
Abrasion resistance	> 80 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

## SAFE® U8958 Version 32

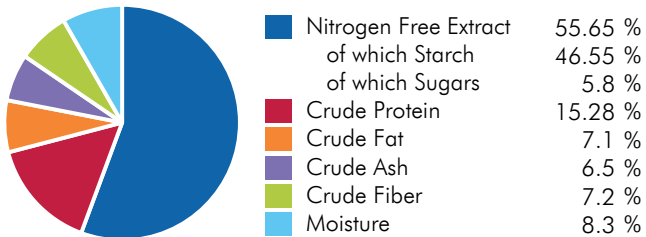
### Ingredients

Mashed potatoes, pregelatinized cornstarch, soybean protein concentrate, pre-mixture of minerals PM 205B, crude cellulose, casein, sucrose, corn oil, lard, pre-mixture of vitamins PV 200 1%, cholesterol.

### CENTESIMAL COMPOSITION

Animal Proteins	5.0 %	Oils & Fats	6.0 %
Vegetal Proteins	12 %		
Vitamins & Minerals	8.0 %		
Forages & Fibers	6.0 %		
Carbon Hydrates	62.99 %		

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	14.2	3389.0	
ME Atwater	14.6	3479.4	
Energy from proteins	2.6	611.2	17.6
Energy from lipids	2.7	642.1	18.5
Energy from NFE	9.3	2226.1	64.0

More information on energy calculation: [www.safe-lab.com](http://www.safe-lab.com)

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	8 837 mg	Methionine	3 226 mg
Cystine	1 654 mg	Tryptophan	1 949 mg
Lysine	11 144 mg	Glycine	5 207 mg

#### FATTY ACIDS

Palmitic acid	13 494 mg	Sum SFA	20 015 mg
Stearic acid	4 816 mg	Sum UFA	44 052 mg
Palmitoleic acid	1 070 mg	Sum MUFA	21 819 mg
Oleic acid	20 599 mg	Sum PUFA	22 233 mg
LA	20 825 mg	Cholesterol	174 mg
ALA	898 mg		
Sum n-3	898 mg		
Sum n-6	21 335 mg		

#### MINERALS

	END PRODUCT
Calcium	8 528 mg
Phosphorus	7 238 mg
Sodium	3 513 mg
Potassium	11 600 mg
Magnesium	1 958 mg
Manganese	553 mg
Iron	131 mg
Copper	98 mg
Zinc	320 mg
Chlorine	7 988 mg

#### VITAMINS

	END PRODUCT
Vitamin A	20 202 IU
Vitamin D3	2 500 IU
Vitamin E	193 IU
Vitamin K3	18 mg
Vitamin B1	21 mg
Vitamin B2	16 mg
Vitamin B3	135 mg
Vitamin B5	13 mg
Vitamin B6	14 mg
Vitamin B9	5.2 mg
Vitamin B12	0.050 mg
Biotin	0.33 mg
Choline	1 172 mg
Vitamin C	65 mg

#### SUGARS

Sucrose	5.0 %
Lactose	< 0.5 %

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