

# SAFE<sup>®</sup> U8978 Version 19

## Definition

260HF  
Fats and sugars controlled custom diet for Rats & Mice

## Product Purpose

To be used within the context of experimental protocols.



SAFE<sup>®</sup> U8978 Version 19

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.
- Replace preferably 3 times a week.

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

They are available powdered on demand.

## 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> U8978 v. 19*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE <sup>®</sup> U8978 v. 19*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy

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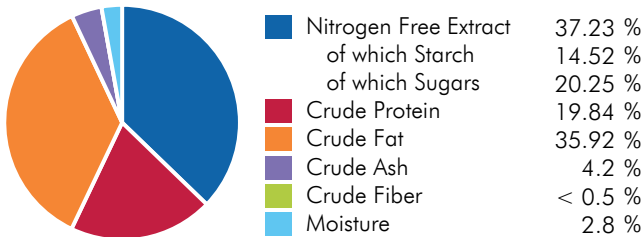
### Ingredients

AMF butter, casein, maltodextrin, sucrose, pre-mixture of minerals PM AIN 93M\_G 3,5%, soybean oil, pre-mixture of vitamins PV AIN 93M\_G 1%, sodium bicarbonate, potassium citrate, DLmethionine, choline bitartrate, BHT Butylhydroxytoluene.

### CENTESIMAL COMPOSITION

Animal Proteins	22.8 %	Others	0.002 %
Vitamins & Minerals	7.5 %		
Amino Acids	0.20 %		
Carbon Hydrates	33.65 %		
Oils & Fats	35.85 %		

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	22.7	5428.0	
ME Atwater	23.1	5515.9	
Energy from proteins	3.3	793.7	14.4
Energy from lipids	13.5	3233.0	58.6
Energy from NFE	6.2	1489.2	27.0

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

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	7 850 mg	Methionine	8 221 mg
Cystine	818 mg	Tryptophan	2 429 mg
Lysine	17 084 mg	Glycine	3 943 mg

#### FATTY ACIDS

Palmitic acid	110 471 mg	EPA	90 mg
Stearic acid	37 134 mg	DPA	147 mg
Palmitoleic acid	4 084 mg	Sum SFA	233 125 mg
Oleic acid	63 883 mg	Sum UFA	93 825 mg
LA	16 894 mg	Sum MUFA	70 995 mg
ALA	3 019 mg	Sum PUFA	22 831 mg
Sum n-3	3 256 mg	Cholesterol	870 mg
Sum n-6	18 718 mg		

#### MINERALS

	END PRODUCT
Calcium	6 461 mg
Phosphorus	3 373 mg
Sodium	4 243 mg
Potassium	6 379 mg
Magnesium	841 mg
Manganese	15 mg
Iron	68 mg
Copper	8.1 mg
Zinc	55 mg
Chlorine	1 932 mg

#### VITAMINS

	END PRODUCT
Vitamin A	5 649 IU
Vitamin D3	1 625 IU
Vitamin E	120 IU
Vitamin K3	8.0 mg
Vitamin B1	7.8 mg
Vitamin B2	7.6 mg
Vitamin B3	45 mg
Vitamin B5	21 mg
Vitamin B6	9.1 mg
Vitamin B9	2.6 mg
Vitamin B12	0.033 mg
Biotin	0.26 mg
Choline	825 mg
Vitamin C	< 10 mg

#### SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	18 %		

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