

# SAFE<sup>®</sup> A40

PRODUCT DATA SHEET  
Release date: December 2024

Page 1/2

## Definition

Complete maintenance vegetal diet for rats, mice and hamsters.

## Product Purpose

Diet for adult and maintenance animals.  
To be used within the context of experimental protocols.  
Does not contain animal proteins, alfalfa and its byproducts.



Picture indicative only

## Directions for Use

### DISTRIBUTION

#### Period

After weaning and adult.

#### Method

- Ad libitum or rationed according to experimental protocols.
- Remove from the packaging and place directly in the cage feeder or on the cage floor.
- Keep fresh water always available.

### DAILY CONSUMPTION

Rats 18 to 25 g, mice 3 to 6 g, hamsters 8 to 12 g.

### STORAGE

Store in a clean, dry and cool place, protected from light.

### SHELF-LIFE from the date of production

Paper bag or plastic pouch = 12 months

Vacuum packed = 24 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.

DIET	STANDARD PACKAGING		USUALLY AVAILABLE WITH IRRADIATION DOSE
SAFE <sup>®</sup> A40	1 x 10 kg	Paper bag	
SAFE <sup>®</sup> A40 SP*	1 x 10 kg	Paper bag in plastic pouch	Min. 10 kGy, Min. 25 kGy
SAFE <sup>®</sup> R40*	1 x 10 kg	Paper bag, vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE <sup>®</sup> R40*	2 x 5 kg	Paper bag, double vacuum packed and boxed	Min. 25 kGy
SAFE <sup>®</sup> R40*	10 x 1 kg	Double vacuum packed and boxed	Min. 40 kGy

## Irradiation

Possible doses: Minimum 10, 25 or 40 kilograys.

## Product Form

PELLETS	Mean
Diameter	16,6 mm
Crushing resistance	20,1 kgf/cm <sup>2</sup>
Abrasion resistance	97,4 %
Specific mass	637 g/l
Average pellet weight	5,4 g
Average pellet length	23,3 mm

Also available powdered on demand.

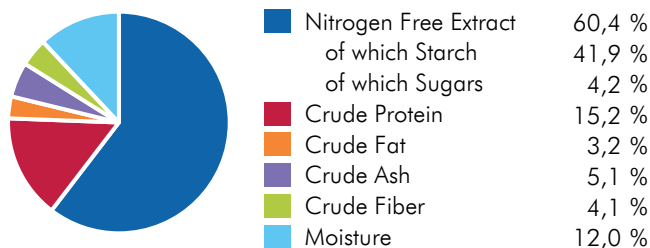
### Ingredients

Barley, wheat, maize, soybean meal, wheat bran, wheat germ, calcium carbonate, pre-mixture of minerals, dicalcium phosphate, pre-mixture of vitamins, L-lysine.

### CENTESIMAL COMPOSITION

Cereals	80,1 %
Vegetal Proteins	15,8 %
Vitamins & Minerals	4,0 %
Amino Acids	<1 %

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	12,9	3 086	
ME Atwater	13,9	3 312	
Energy from proteins	2,5	608	18,4
Energy from lipids	1,2	288	8,7
Energy from NFE	10,1	2 416	72,9

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

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.

### Analysis End Product

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	9 000 mg	Methionine	2 800 mg
Cystine	3 000 mg	Tryptophan	1 900 mg
Lysine	7 200 mg	Glycine	7 000 mg

#### FATTY ACIDS

Palmitic acid	4 500 mg
Stearic acid	410 mg
Oleic acid	4 000 mg
LA	14 000 mg
ALA	1 230 mg

#### MINERALS

Calcium	6 800 mg
Phosphorus	5 500 mg
Sodium	2 200 mg
Potassium	6 500 mg
Magnesium	1 600 mg
Manganese	75,0 mg
Iron	280 mg
Copper	16,0 mg
Zinc	70,0 mg
Chlorine	3 700 mg

#### VITAMINS

Vitamin A	7 500 IU
Vitamin D3	1 000 IU
Vitamin E	30,0 IU
Vitamin K3	2,5 mg
Vitamin B1	5,0 mg
Vitamin B2	6,5 mg
Vitamin B3	70,0 mg
Vitamin B5	10,0 mg
Vitamin B6	3,0 mg
Vitamin B9	0,50 mg
Vitamin B12	0,010 mg
Biotin	0,080 mg
Choline	1 600 mg

The values of the end products are given as indication only and have no contractual value. They are calculated averages of product analysis results before irradiation and autoclaving. Depending on production conditions, storage and analytical methods variations may occur. An analysis is performed on request.

Produced in France