

# SAFE<sup>®</sup> D113

PRODUCT DATA SHEET  
Release date: December 2024

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## Definition

Autoclavable complete universal diet for rats, mice and hamsters.

## Product Purpose

Diet for breeding, pregnant, nursing, growth and maintenance animals.

To be used within the context of experimental protocols.

Does not contain alfalfa and its byproducts.



Picture indicative only

## Directions for Use

### DISTRIBUTION

#### Period

From birth onwards.

### 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. Autoclave first.
- 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

|                        |           |                        |
|------------------------|-----------|------------------------|
| SAFE <sup>®</sup> D113 | 1 x 10 kg | Autoclavable paper bag |
|------------------------|-----------|------------------------|

## Product Form

| PELLETS               | Mean                     |
|-----------------------|--------------------------|
| Diameter              | 12,6 mm                  |
| Crushing resistance   | 15,8 kgf/cm <sup>2</sup> |
| Abrasion resistance   | 97,8 %                   |
| Specific mass         | 663 g/l                  |
| Average pellet weight | 2,7 g                    |
| Average pellet length | 19 mm                    |

Also available powdered on demand.

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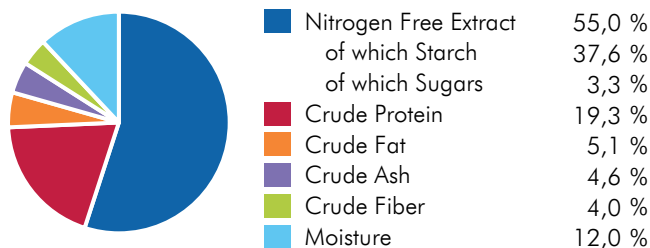
### Ingredients

Barley, wheat, maize, extruded soybeans, hydrolyzed fish proteins, wheat bran, inactivated brewer's yeast, soybean meal, pre-mixture of vitamins, calcium carbonate, pre-mixture of minerals, dicalcium phosphate.

### CENTESIMAL COMPOSITION

|                     |        |
|---------------------|--------|
| Cereals             | 72,0 % |
| Animal Proteins     | 6,0 %  |
| Vegetal Proteins    | 17,8 % |
| Vitamins & Minerals | 4,2 %  |

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

|                      | MJ/kg | kcal/kg | %    |
|----------------------|-------|---------|------|
| ME Pig               | 13,6  | 3 248   |      |
| ME Atwater           | 14,4  | 3 431   |      |
| Energy from proteins | 3,2   | 772     | 22,5 |
| Energy from lipids   | 1,9   | 459     | 13,4 |
| Energy from NFE      | 9,2   | 2 200   | 64,1 |

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 | 12 700 mg | Methionine | 4 400 mg  |
| Cystine  | 3 300 mg  | Tryptophan | 2 200 mg  |
| Lysine   | 11 800 mg | Glycine    | 11 700 mg |

#### FATTY ACIDS

|                  |           |
|------------------|-----------|
| Palmitic acid    | 8 200 mg  |
| Stearic acid     | 1 500 mg  |
| Palmitoleic acid | 300 mg    |
| Oleic acid       | 9 000 mg  |
| LA               | 25 100 mg |
| ALA              | 2 900 mg  |

#### MINERALS

|            |          |
|------------|----------|
| Calcium    | 7 000 mg |
| Phosphorus | 5 100 mg |
| Sodium     | 2 700 mg |
| Potassium  | 6 700 mg |
| Magnesium  | 1 330 mg |
| Manganese  | 70,0 mg  |
| Iron       | 270 mg   |
| Copper     | 18,0 mg  |
| Zinc       | 60,0 mg  |
| Chlorine   | 4 200 mg |

#### VITAMINS

|             |           |
|-------------|-----------|
| Vitamin A   | 21 600 IU |
| Vitamin D3  | 2 000 IU  |
| Vitamin E   | 100 IU    |
| Vitamin K3  | 4,5 mg    |
| Vitamin B1  | 7,5 mg    |
| Vitamin B2  | 10,0 mg   |
| Vitamin B3  | 80,0 mg   |
| Vitamin B5  | 30,0 mg   |
| Vitamin B6  | 5,6 mg    |
| Vitamin B9  | 0,75 mg   |
| Vitamin B12 | 0,020 mg  |
| Biotin      | 0,15 mg   |
| Choline     | 2 100 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