

Complete Care
Competence

Your System Partner for Laboratory Animal Science



Diets
Custom Diets
Bedding
Enrichment
Services





Premium Service Partner

First premise of SAFE® is to offer safe, standardized products of the highest quality for reproducible research results. As all-encompassing system partner, SAFE® has a comprehensive performance spectrum: selected premium raw materials, customized process development by the R&D department, efficient high-quality manufacturing process and global availability due to worldwide presence and logistics.



One-Stop Shopping

- complete care solutions: diets, custom diets, bedding, enrichment and services
- global sales and logistics structure
- comprehensive service concept



Manufacturer's Competence

- own production of diets, custom diets, bedding and enrichment
- dedicated plants for consumables for laboratory animal science
- advanced production technologies and strict quality assurance system
- in-house research and individual product development



Innovation Partner

- permanent innovation force: SAFE® R&D and Technical Competence Center
- active network with animal care scientists and animal care takers, researchers and veterinarians from universities, national health institutes and pharmaceutical companies



Global SAFE®

- global availability, service and consulting
- own sales and logistics structure worldwide
- comprehensive technology and service network



 **SAFE**
COMPLETE CARE COMPETENCE

Diets
Custom Diets
Bedding
Enrichment
Services



Certified Quality and Safety

The quality standards at SAFE® are way higher than the sector averages. SAFE® products are certified by independent, external institutes. Furthermore only certified raw materials from sustainable farming are sourced.

The production takes place in a completely closed process, according to the strict criteria of the DIN EN ISO 9001 and HACCP standards and following the GMP and GLP guidelines.

The ISO-certified environmental and energy management systems are an active contribution of SAFE® to protect the environment.

- certified production
- certified raw material
- controlled quality
- dedicated plant





Premium Scientific Diets



For the Security of your Research

For laboratory animal diets, the nutritional factor is crucial and has to be reliable and constant.

For many years, SAFE® dedicates themselves to provide safe and high-quality diet solutions for research without compromises.

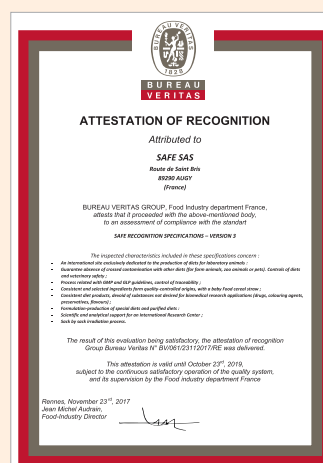
- dedicated plant: exclusively scientific animal diets
- fully traceable components from constant reliable sources
- products made from cereals of baby food quality
- expertise in production of standard diets and custom diets
- controlled quality with food and health certifications
- innovation partner with own R&D and laboratories

Compliance with Highest Scientific Standards in Diets Production

SAFE® Production for scientific animal diets is regularly evaluated by the Food Industry Department France of the BUREAU VERITAS GROUP.

Inspected and approved:

- production plant exclusively dedicated to the production of diets for scientific animals
- no cross-contaminations with other diets (farm animals, zoo animals or pets); controls of diets and veterinary safety
- production following the GMP and GLP guidelines
- consistent and selected cereals of baby food quality from controlled origin
- diets free of undesired substances for biomedical research applications (drugs, coloring agents, preservatives, flavors)
- formulation and production of special and purified diets
- scientific and analytical support for international research centers
- box by box irradiation process





High Quality Ingredients

All ingredients are of highest quality to ensure consistent product characteristics.



- use of baby food cereals ensures highest food security standards and minimizes contaminants like mycotoxins, pesticides and heavy metals
- ingredients of highest quality secure superior digestibility and appetizing factors

Fixed Formula & Mastered Process

Constant diet formula and mastered processes guarantee long-time comparability of studies.



- once a diet recipe has been designed and approved, it remains fixed
- proven production environment in dedicated plant
- no cross-contamination during production process and logistics
- mastered production processes and strict metrology

No Additives

The SAFE® scientific diet production equipment is used exclusively for scientific animal diets. Undesirable substances are banned from the production site.



- no drugs, no artificial color, no preserving agents, no antioxidants, etc.
- extensive analysis and traceability sheets for all components and ingredients

Dedicated Plant

The SAFE® plant (Augy, France) is specially designed for the production of scientific diets. Risks of cross-contaminations during the process are systematically excluded.



- exclusive production of scientific diets: no feed for farms, zoos or pet food
- latest engineering technology for highest quality standard on the market
- use of technical systems to avoid risks: pneumatic transport, thermic treatment, stainless steel equipment, centralized vacuum cleaning system, etc.
- extensive cleaning processes prevent the products from contaminations

Monitoring and Controls

In order to ensure stable nutritional values and the lowest possible bioburden, SAFE® maintains an all-encompassing process control:



- extensive analysis (more than 35,000 per year) and traceability for all ingredients
- monitoring and protection against contaminants, such as a wide range of Xenobiotics

Premium Scientific Diets – Rodents

SPECIAL FEATURE:



Vegetal Diet
(free from animal proteins)



Animal Protein Diet



Autoclavable Diet

BREEDING DIETS



SAFE® A03

Rats Mice Hamsters
breeding diet



SAFE® D03

Rats Mice Hamsters
breeding diet
autoclavable



SAFE® A30

Rats Mice Hamsters
breeding vegetal diet



SAFE® D30

Rats Mice Hamsters
breeding vegetal diet
autoclavable



MAINTENANCE DIETS



SAFE® A04

Rats Mice Hamsters
maintenance diet



SAFE® D04

Rats Mice Hamsters
maintenance diet
autoclavable



SAFE® A40

Rats Mice Hamsters
maintenance vegetal diet



SAFE® D40

Rats Mice Hamsters
maintenance vegetal diet
autoclavable



UNIVERSAL DIETS: Maintenance + Breeding



SAFE® 105

Rats Mice Hamsters
universal diet



SAFE® D113

Rats Mice Hamsters
universal diet
autoclavable



SAFE® 150

Rats Mice Hamsters
universal vegetal diet
low phytoestrogen



SAFE® D131

Rats Mice Hamsters
universal vegetal diet
autoclavable
low phytoestrogen



LONG TERM DIETS



SAFE® A05

Rats Mice Hamsters
long term diet
low phytoestrogen



SAFE® D05

Rats Mice Hamsters
long term diet
autoclavable
low phytoestrogen



TRANSGENIC DIETS



SAFE® R01T-10

Rats Mice Hamsters
breeding diet
increased nutritional levels



SAFE® R03T-25

Rats Mice Hamsters
breeding diet
small pellet (4.5mm)



Premium Scientific Diets – Other Animals

SPECIAL FEATURE:



Vegetal Diet
(free from animal proteins)



Animal Protein Diet



Autoclavable Diet

RABBITS



SAFE® 110

Rabbits breeding and maintenance diet



SAFE® 112

Rabbits maintenance diet



GUINEA PIGS



SAFE® 114

Guinea pigs breeding diet



SAFE® 106

Guinea pigs maintenance diet



MINI PIGS



SAFE® 127

Mini pigs maintenance diet



SAFE® 115

Poultry grower diet



DOGS



SAFE® 125

Dogs maintenance diet



326

Dogs maintenance extruded diet



PRIMATES



SAFE® 107

Primates diet



307

Primates extruded diet



ZEBRAFISH



Caviar

Zebrafish research diet large range



CATS



330

Cats extruded diet



For all Diets Available

Different Pellet Sizes

Powdered Form

- powder for pelleting P 3.5
- powder 95 % < 1 mm P 2.5
- powder 95 % < 0.5 mm P 1

Wide Range Packaging

- suitable to the health status of your animal facility

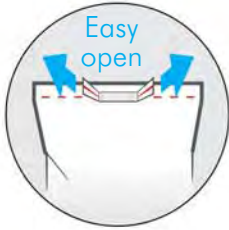
SAFE® rodent standard diets do not contain alfalfa.

IRRADIATION (recommended)

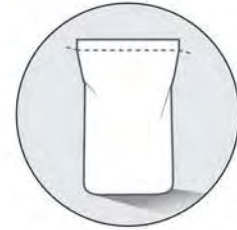
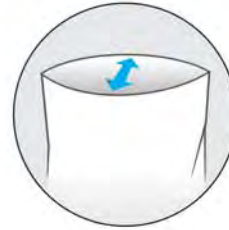
- possible irradiation dose: 10, 25 to 40 kGy
- homogeneous irradiation technique: bag by bag
- irradiated products are vacuum-sealed



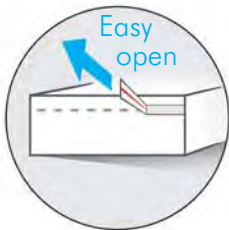
PAPER BAG FOR DIETS



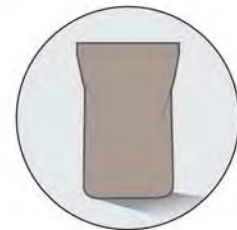
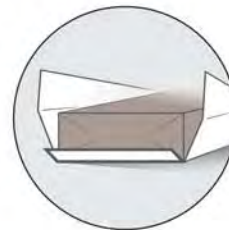
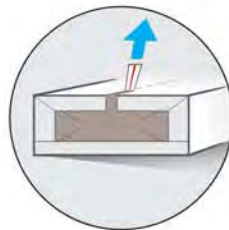
Standard paper bag



Optional:
Sewn paper bags
for autoclavable diets



Double paper bag



Paper bag in hermetic plastic pouch



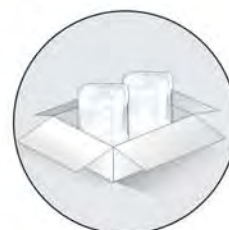
VACCUM PACKAGING FOR DIETS



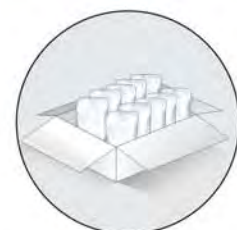
Cardboard box



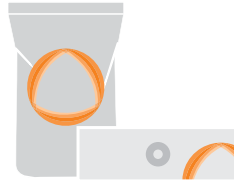
Box of 1 x 10 kg



Box of 2 x 5 kg



Box of 10 x 1 kg



Packaging

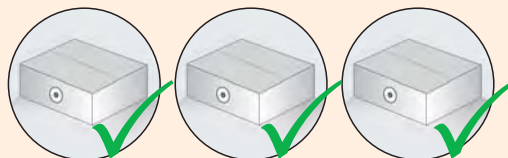
Various packaging options satisfy all needs and sanitary concerns.

A wide choice of packaging like single and double paper bag, paper bag in a plastic pouch or vacuumed-packed in box is available.

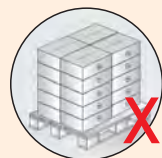
All packaging variations have an “easy open” system and are marked with the traceability and product information.

Irradiation Box by Box – for Product Safety

Typical radiation doses are 10, 25 or 40 kGy, which are guaranteed as a minimum dose in all parts of the product. Through irradiation of full pallets the deviation of the radiation level between the core of the packaging and the surface is way too high to guarantee a consistent quality of the diet. Thus all irradiated SAFE® diets are processed individually box by box to achieve a consistent radiation dose throughout the packaging.



box by box



not full pallet wise

Diets

SPECIAL FEATURE:



Vegetal Diet
(free from animal proteins)



Animal Protein Diet



Autoclavable Diet

DIET	USE	SPECIAL FEATURE	IRRADIATION DOSE (kGy)	PACKAGING
RATS, MICE, HAMSTERS (Conventional, SPF, EOPS animals)				
SAFE® A03	breeding		–	10 kg paper bag
SAFE® D03	breeding		–	10 kg paper bag
SAFE® A30	breeding		–	10 kg paper bag
SAFE® D30	breeding		–	10 kg paper bag
SAFE® A03-10	breeding		>10	10 kg strippable double paper bag
SAFE® A30 SP-25	breeding		>25	10 kg paper bag in hermetic plastic pouch
SAFE® R03-10*	breeding		>10	10 kg paper bag vacuum packed in box
SAFE® R03-25*	breeding		>25	10 kg paper bag vacuum packed in box
SAFE® R30-25*	breeding		>25	10 kg paper bag vacuum packed in box
SAFE® A04	maintenance		–	10 kg paper bag
SAFE® A04C	maintenance	certified	–	10 kg strippable double paper bag
SAFE® D04	maintenance		–	10 kg paper bag
SAFE® A40	maintenance		–	10 kg paper bag
SAFE® D40	maintenance		–	10 kg paper bag
SAFE® A04 -10	maintenance		>10	10 kg strippable double paper bag
SAFE® A04C -10	maintenance	certified	>10	10 kg strippable double paper bag
SAFE® A40 SP-25	maintenance		>25	10 kg paper bag in hermetic plastic pouch
SAFE® R04-10	maintenance		>10	10 kg paper bag vacuum packed in box
SAFE® R04-25	maintenance		>25	10 kg paper bag vacuum packed in box
SAFE® R40-25*	maintenance		>25	10 kg double vacuum packed per box
SAFE® 132	maintenance		–	10 kg paper bag
SAFE® 132 SP-25	maintenance		>25	10 kg paper bag in hermetic plastic pouch
SAFE® 105	universal		–	10 kg paper bag
SAFE® 150	universal	low phytoestrogen	–	10 kg paper bag
SAFE® 150 SP-25	universal	low phytoestrogen	>25	10 kg paper bag in hermetic plastic pouch
SAFE® D113	universal		–	10 kg paper bag
SAFE® D131	universal	low phytoestrogen	–	10 kg paper bag
SAFE® A05	long term	low phytoestrogen	–	10 kg paper bag
SAFE® D05	long term	low phytoestrogen	–	10 kg paper bag

RATS, MICE, HAMSTERS (Axenic Gnotoxenic animals)

SAFE® R03-40	breeding		>40	10 x 1 kg	paper bag vacuum packed per box
SAFE® R04-40	maintenance		>40	10 x 1 kg	double vacuum packed per box

RATS, MICE, HAMSTERS (Transgenic animals)

SAFE® R01T-10	breeding	increased nutritional levels	>10	10 x 1 kg	paper bag vacuum packed per box
SAFE® R03T-25	breeding	small pellet - 4.5 mm	>25	10 x 1 kg	paper bag vacuum packed per box

*Available in 2 x 5 kg, lead time and prices on request.

RABBITS (Conventional, SPF, EOPS animals)

SAFE® 112	maintenance		–	10 kg	paper bag
SAFE® 112-10	maintenance		>10	10 kg	paper bag
SAFE® 112C	maintenance	certified	–	10 kg	paper bag vacuum packed box
SAFE® 110	maintenance		–	10 kg	paper bag
SAFE® 110-10	maintenance		>10	10 kg	paper bag
SAFE® 110C	maintenance	certified	–	10 kg	strippable double paper bag

SPECIAL FEATURE:

Vegetal Diet
(free from animal proteins)

Animal Protein Diet



Autoclavable Diet

DIET	USE	SPECIAL FEATURE	IRRADIATION DOSE (kGy)	PACKAGING
GUINEA PIGS (Conventional, SPF, EOPS animals)				
SAFE® 114	breeding		–	10 kg paper bag
SAFE® 114-10	breeding		>10	10 kg strippable double paper bag
SAFE® R14C-10	maintenance	certified	>10	10 kg paper bag vacuum packed in box
SAFE® 106	maintenance		–	10 kg paper bag
MINI PIGS (Conventional animals)				
SAFE® 127	maintenance		–	10 kg paper bag
POULTRY (Conventional animals)				
SAFE® 115	starter	2 mm pellets	–	10 kg paper bag
SAFE® 115	grower	3 mm pellets	–	10 kg paper bag
SAFE® 115C	grower	3 mm pellets, certified	–	10 kg strippable double paper bag
DOGS (Conventional animals)				
SAFE® 125	maintenance	pellets	–	10 kg paper bag
SAFE® 125C3	maintenance	pellets, certified	–	10 kg strippable double paper bag
326	maintenance	extruded	–	15 kg paper bag
326C	maintenance	extruded, certified	–	15 kg paper bag
PRIMATES (Conventional animals)				
SAFE® 107		pellets	–	10 kg paper bag
SAFE® 107C		pellets, certified	–	10 kg strippable double paper bag
307		extruded, certified	–	15 kg paper bag
FERRETS (Conventional animals)				
SAFE® F86	maintenance		–	10 kg paper bag
CATS (Conventional animals)				
330		extruded	–	15 kg paper bag
330C		extruded, certified	–	15 kg paper bag
ZEBRAFISH (Conventional animals)				
Caviar		large range, several granulometries		

Gel Diets – All gel diets have a shelf life of 12 months

DIET	SPECIAL FEATURE	IRRADIATION DOSE (kGy)	PACKAGING
SAFE® gel diet transport	diet + 60 % water	>10	100 g pot (6 kg box)
SAFE® gel diet energy	high energy diet + 60 % water	>10	100 g pot (6 kg box)
SAFE® gel diet breeding	SAFE® diet + 70 % water	>10	100 g pot (6 kg box)
SAFE® gel diet water	99 % water, thermoreversible	>10	100 g pot (6 kg box)
SAFE® gel diet high fat	high fat + 56 % water	>10	100 g pot (6 kg box)
SAFE® gel diet 125C3	SAFE® diet 125C3 dog + 70 % water	>10	1 kg bucket (13 kg box)
SAFE® hydro	instant powder for DIY production	–	500 g plastic container



Gel Diets

SAFE® gel diet – Ready to Use Water Gels



SAFE® gel diet water

99 % water, thermoreversible

SAFE® gel diet breeding

SAFE® diet + 70 % water

SAFE® gel diet energy

SAFE® high energy diet
+ 60 % water

SAFE® gel diet transport

SAFE® diet + 60 % water

SAFE® hydro – Instant Fiber Compound for the Production of Water Gel



INNOVATION

The innovative solution for a multitude of application possibilities for supplying water, food and drugs to animals. Produce your own water gel anywhere in a do-it-yourself and just-in-time fashion to suit your individual requirements!

- water gel – safe method for hydration
- moistened food – individual mix of diets and water in a gel
- application of drugs – individual dosing of drugs in gel

Three Steps to Prepare your Water Gel with SAFE® hydro

Heat it.

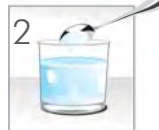


Water

Heat it:

Boil up water and let it cool to approx. 70 - 80 °C. Check the temperature using a thermometer. (Important: without properly heating the mixture, a solid gel-structure will not form)

Add it.



+ SAFE® hydro

Add it:

Gradually add 1.5 % - 3.0 % (dependent on the desired gel firmness) of SAFE® hydro to the water. Example: For a 1.5 % suspension please use 15 g SAFE® hydro per liter of water.

Mix it.



Mix it:

Stir briskly in order to avoid clumping.

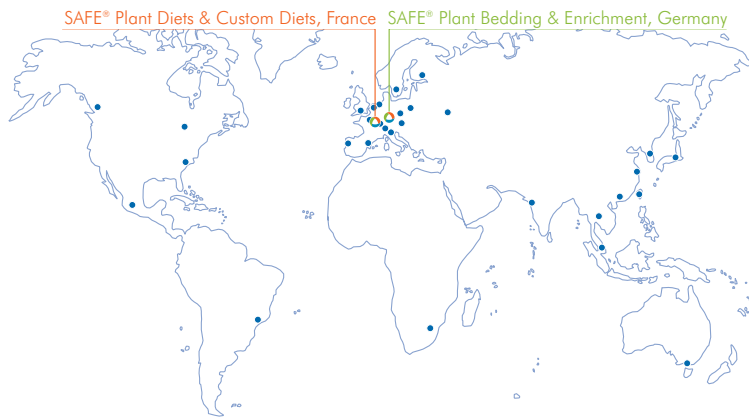
Fill the homogenous suspension in dedicated containers. Cool down at room temperature.

Ready!





Worldwide



PRODUCTION SITE DIETS

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Diets
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