## SAFE® MAGAZINE

## Securing Your Research



## **OUR LATEST TOPICS FOR YOU**



SCIENTIFIC DIETS

Quality Controlled

Production Process



CUSTOM DIETS
High Fat Diets



SERVICE & NEWS
New Biomass
Powerplant



BEDDING
Ideal Breeding
Bedding



ENRICHMENT
Gnawing +
Activity



# Profit from the Complete Care Competence



Qualified application consulting, a complete premium product portfolio and global service from one source:

- One-stop-shopping directly at the manufacturer
- Premium Scientific Diets, Custom Diets, Animal Bedding and Environmental Enrichment
- Worldwide availability, certified product quality and reliable service due to global sales and logistic structures
- Competence and flexibility directly from the manufacturer with own production, research and development



## First-class Certified Quality

SAFE® products are naturally suited for all kinds of animals and caging systems, providing a consistent high level of quality and security. Only certified raw materials from sustainable farming are sourced.

The production, following the GMP-guidelines, takes place in a completely closed process according to the strict criteria of the DIN EN ISO 9001, HACCP and FSSC 22000 standards.











DIETS, CUSTOM DIETS



### Our SAFEty Commitment:

- High Quality Ingredients
- Fixed Formula and Mastered Process
- No Additives
- Dedicated Plant
- Monitoring and Controls

BEDDING, ENRICHMENT



### **Our SAFEty Commitment:**

- Clean and Natural Bedding Solutions
- Advanced Processing Technology
- Certified Quality

Visit Our New Homepage!

www.safe-lab.com



Follow Us!

SAFE® Complete Care Competence



## **Quality Controlled Production Process**



SAFE® (Augy, France) dedicated plant for diets and custom diets.

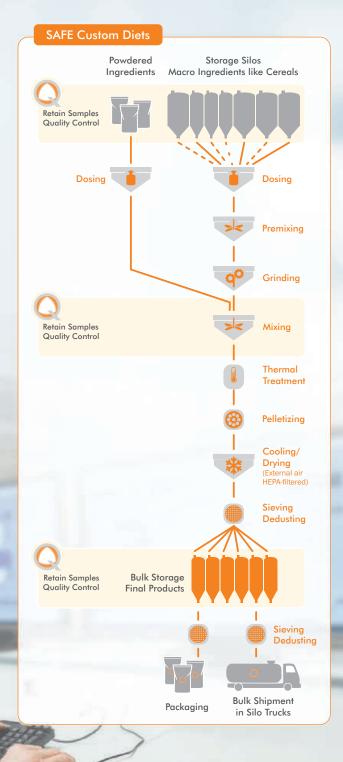
For many years, SAFE® dedicates themselves to provide safe and high-quality diet solutions for research without compromises.

With more than 60 years of expertise and recognized leadership, SAFE® formulates and produces special research diets for the international scientific community.

### **SAFE Custom Diets**

Upon request, tailored diets are formulated based on SAFE® standard diets or especially customized formulas.

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## High Fat Diets – Reliable Results for Obesity Studies

SAFE® high-fat custom diets offer an efficient and reproducible way to study the mechanisms and disorders of many obesity-related pathologies.

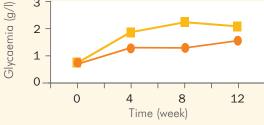
With SAFE® 260 HF, which contains 60 % energy from fat, pathologies such as type II diabetes can be reliably induced, resulting in precise data and minimal variability in studies.

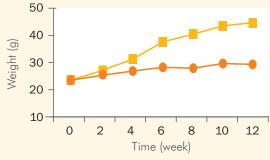
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The efficiency of SAFE® 260 HF Diet to induce obesity and diabetic phenotype:









Effect of High Fat anhydrous butter diet changes in weight and glycaemia in aged mice from 10 to 22 weeks compared to animals subjected to the standard SAFE® A03 diet.

60 % energy from fat

SAFE® 260 HF



## SAFE® flake - Ideal Breeding Bedding

The soft, fluffy bedding made of fine SAFE® spruce shavings supports the well-being of the animals. It is therefore particularly well suited for breeding.

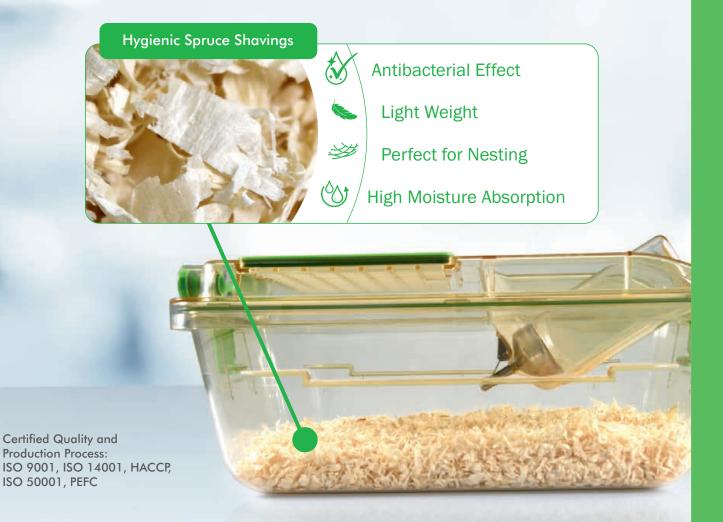
The antibacterial effect of spruce meet highest hygiene standards in laboratory animal husbandry. Due to the fibrillated structure of the fine wood fiber, SAFE® flake has excellent absorption behavior. As an ideal material for nest building, it offers additional enrichment: digging behavior and natural instincts are stimulated, thus reducing stress.

Less consumption saves costs! SAFE® flake has a large volume and lower bulk density than other materials.

SAFE® uses only spruce of regional origin. Short transport routes and direct processing in the factory guarantee sustainability.

LEARN MORE!

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## SAFE® block - Gnawing + Activity

Environmental enrichment stimulates the animal's interaction with its environment for a better welfare and an optimized behavior. SAFE® gnawing blocks provide activity and natural exercise, reducing aggression and promoting natural tooth wear.

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SAFE® natural enrichment material guarantees highest quality and product safety.

- made of 100 % natural raw material
- stimulates natural instincts
- reduces abnormal, aggressive or apathetic behavior

### Handling - Tip!

Familiar enrichment material facilitates the transfer of the animals. As such, the SAFE® blocks can easily be moved to the new cage. This helps to quickly calm the animals.

SAFE® block is autoclavable.

### **BEST COMBINATION**

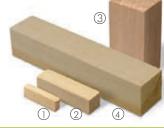
Combine SAFE® block with SAFE® nesting materials for optimal well-being.



**SAFE**® **block** for gnawing is available in various sizes and hardness grades, adapted to the individual needs of different rodent species:

Aspen – ideal for mice, rats, hamsters

Beech – ideal for rabbits and bigger rodents



PRODUCT	RAW MATERIAL	PRODUCT DIMENSIONS L/W/H
① SAFE® block small	aspen	50 / 16 / 10 mm
2 SAFE® block large	aspen	70 / 20 / 20 mm
SAFE® block XL	beech	90 / 40 / 50 mm
4 SAFE® block XXL	aspen	195 / 40 /40 mm



### NEW BIOMASS POWER PLANT SAVES 13,000 TONS OF CO2



With an innovative, newly designed plant complex comprising a biomass power plant and a large-scale waste heat drying plant, a piece of sustainable 'green' production philosophy has successfully gone into operation at the Rosenberg-Holzmühle plant (Bedding and Enrichment production site).

The new plant will now save far more than 13,000 tons of CO<sub>2</sub>, as well as improving the energy balance and shortening transport and supply routes in the plant. With special soot and dust filters, elaborate sound insulation and computer-controlled plant management, all conceivable parameters for environmentally friendly operation are also met.

### CORN COB BEDDING

**SAFE**<sup>®</sup> Corn Cob Bedding is virtually dust-free and highly absorbent, providing excellent ammonia and odor control.

The special feature: liquid is immediately absorbed on the surface of the bedding. This allows the surface to dry quickly through the cage ventilation, ensuring longer lasting freshness of the bedding.

Quick drying surface



### **FSC CERTIFIED DIETS PACKAGING**

Responsible management and conservation of resources is a fundamental part of the philosophy of SAFE®. The fact that the paper packaging for SAFE® certified and

irradiated diets is now made from FSC-certified materials is another important step on the way to comprehensive sustainability.







## Interested in more information and product samples?

Order now!

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**Enrichment** Services

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www.safe-lab.com