

## SAFE<sup>®</sup> U8978 Version 59

### Definition

AIN93G 0.625g/kg Doxycycline Hyclate  
Supplemented custom diet for Rats & Mice

### Product Purpose

To be used within the context of experimental protocols.

### 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.

#### 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

### 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. 59*	2kg	Bucket, Vacuum packed and boxed	Min. 10 kGy, Min. 25 kGy
SAFE <sup>®</sup> U8978 v. 59*	1kg	Bucket, Vacuum packed and boxed	Min. 25 kGy



SAFE<sup>®</sup> U8978 Version 59

Picture indicative only

### 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	> 80 %
Specific mass	~ 600 g/l
Average pellet weight	- g
Average pellet length	- mm

They are available powdered on demand.

## SAFE® U8978 Version 59

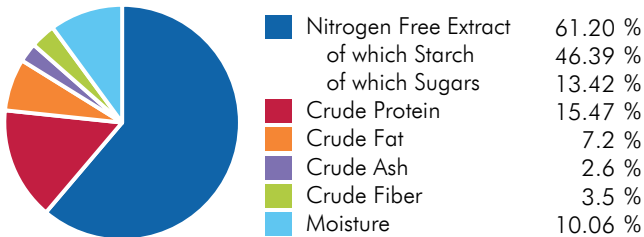
### Ingredients

Pregelatinized cornstarch, casein, maltodextrin, sucrose, soybean oil, crude cellulose, pre-mixture of minerals PM AIN 93M\_G 3,5%, water, pre-mixture of vitamins PV AIN 93M\_G 1%, L-cystine, choline bitartrate, doxycycline.

### CENTESIMAL COMPOSITION

Animal Proteins	17.46 %	Oils & Fats	6.8 %
Vitamins & Minerals	4.6 %	Others	0.064 %
Forages & Fibers	4.9 %	Water	3.0 %
Amino Acids	0.29 %		
Carbon Hydrates	62.94 %		

### NUTRITIONAL COMPOSITION



### ENERGY CONTENT

	MJ/kg	kcal/kg	%
ME Pig	15.8	3764.4	
ME Atwater	15.5	3712.0	
Energy from proteins	2.6	618.8	16.7
Energy from lipids	2.7	645.4	17.4
Energy from NFE	10.2	2447.8	65.9

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

### Theoretical Calculated Values

#### TOTAL PER KG

#### AMINO ACIDS

Arginine	5 936 mg	Methionine	4 714 mg
Cystine	3 463 mg	Tryptophan	1 833 mg
Lysine	13 063 mg	Glycine	2 968 mg

#### FATTY ACIDS

Palmitic acid	7 197 mg	Sum SFA	10 015 mg
Stearic acid	2 478 mg	Sum UFA	54 116 mg
Palmitoleic acid	340 mg	Sum MUFA	12 969 mg
Oleic acid	12 629 mg	Sum PUFA	41 147 mg
LA	35 919 mg	Cholesterol	1.1 mg
ALA	5 228 mg		
Sum n-3	5 228 mg		
Sum n-6	35 919 mg		

#### MINERALS

	END PRODUCT
Calcium	4 831 mg
Phosphorus	2 543 mg
Sodium	1 395 mg
Potassium	3 580 mg
Magnesium	625 mg
Manganese	11 mg
Iron	53 mg
Copper	6.1 mg
Zinc	41 mg
Chlorine	1 374 mg

#### VITAMINS

	END PRODUCT
Vitamin A	5 080 IU
Vitamin D3	1 213 IU
Vitamin E	85 IU
Vitamin K3	6.0 mg
Vitamin B1	5.8 mg
Vitamin B2	5.6 mg
Vitamin B3	33 mg
Vitamin B5	15 mg
Vitamin B6	6.8 mg
Vitamin B9	2.0 mg
Vitamin B12	0.024 mg
Biotin	0.19 mg
Choline	1 002 mg

#### SUGARS

Glucose	< 0.5 %	Lactose	< 0.5 %
Sucrose	12 %		

#### ADDED COMPOUNDS

Total Compounds	627 mg
-----------------	--------

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