

Scoring model for risk categorisation according GPSR

A scoring model for safety assessment and risk categorisation in accordance with the requirements of Article 6 and Article 9 of the new EU Product Safety Regulation (GPSR) for Georg Kieffer Sattlerwarenfabrik is structured as follows. The criteria for risk assessment are based on the requirements defined there and are intended to enable a systematic analysis of the risks in relation to product safety. The aim is to use a points system to categorise products or product groups into risk categories that indicate safety measures and inspection intensities.

The model assesses the risks of a product or product group based on specific criteria from Article 6 GPSR. A risk value is assigned for each criterion on a scale from 1 (low risk) to 5 (high risk). The sum of the points gives the risk category and indicates which measures should be taken.

Scoring criteria and rating scale

Criteria	Description	Points (1 = low, 5 = high)
1. Intended use and conditions of use	Assessment of the normal and foreseeable use of the product and the likelihood of consumers using the product in an unsafe manner.	1-5
2. Injury severity and frequency	Assessment of the possible severity of injuries or damage to health and the probability of their occurrence when used properly.	1-5
3. User groups	Certain user groups (e.g. children, elderly people) require special consideration due to their higher susceptibility to injury.	1-5
4. Physical and chemical properties of the product	Consideration of properties such as materials, mechanical stability, chemical composition and whether these represent potential health hazards.	1-5
5. Duration and frequency of use	How often and for how long is the product typically used? Prolonged and frequent use can increase the risk.	1-5
6. Information and instructions for use	Availability and clarity of information on safe use, including instructions for use, warnings, etc.	1-5
7. Interactions and compatibility	Assessment of possible risks due to interactions with other products or environmental factors.	1-5

Scoring: Each criterion is assessed and the total score is used to categorise the risk.

- **7-14 points:** Low risk - standard measures (e.g. basic safety labelling).
- **15-21 points:** Medium risk - Increased safety requirements (e.g. additional instructions for use, stricter quality control).
- **22-30 points:** High risk - Intensive safety testing (e.g. detailed instructions for use, regular product testing, safety certificates required).
- **31-35 points:** Very high risk - Strict safety precautions (e.g. certification to higher standards, comprehensive consumer protection information, frequent inspections).

Scoring of products / product groups

Product category 3 – General riding equipment

includes halters and lead ropes, bell boots, lunging girths, saddle pads, brushes, etc.

Criteria	Rating (1 - 5)	Explanation
1. Intended use and conditions of use	1	Improper use can rarely lead to discomfort.
2. Injury severity and frequency	1	Low risk of injury for horses and humans.
3. User groups	1	No risk.
4. Physical and chemical properties of the product	2	No risk. Low chemical hazard.
5. Duration and frequency of use	1	Use over a longer period of time, once or several times a week depending on the user's ability.
6. Information and instructions for use	1	Clear and easy to use.
7. Interactions and compatibility	1	Combinations of unsuitable, unsuitable or inferior accessories can increase the risk.

Total Score:
8 points = low risk

Measures: A product description is sufficient.

Simple risk categorisation matrix

The following table is used to determine the final risk categories based on the previously determined risk probability (horizontal) of the individual product groups and multiplied by the estimated severity (vertical). The result is the final risk categorisation.

Example: The product group 'Saddles and saddle accessories' has achieved 12 points with the seven assessment criteria and is therefore categorised as '2 - low'. The assessed degree of severity is rated as '3 - high', as falls could occur, for example. Multiplying the values '2 - low' by '3 - high' results in a total of 6 points and therefore a medium risk in general.

Severity / probability	1 – very low	2 – low	3 – medium	4 – high	5 – very high
1 – low	low	low	low	low	medium
2 – moderate	low	low	medium	medium	medium
3 – high	low	medium	medium	high	high
4 – critical	low	medium	high	very high	very high
5 – catastrophic	medium	medium	high	very high	very high

Results after multiplication of severity x probability:

- 1-4 points: **low risk**
- 5-10 points: **medium risk**
- 11-15 points: **high risk**
- 16-25 points: **very high risk**

Final risk classification of the product groups using the risk categorisation

Product category	Probability	Severity	Risk
3. General riding equipment	2 (low)	2 (moderate)	4 (low)