

## 1 | General Information and Overview

Product	Risk assessor
<p>Product name: <b>Climbing harness for mountainering</b></p> <p>Product category: <b>Personal protective equipment</b></p> <p>Description: <b>This is a PROSAFE risk assessment template for climbing harnesses for mountaineering falling under the European Standard EN 12277:2015. It describes a likely injury scenario for such products:</b></p> <p><b>- Clause 4.2: Strength</b></p> <p><b>How to use</b> Users of the template should estimate the probabilities in the scenario. The scenario presented in the template is a likely scenario. Users should ensure that it is suitable, that the steps are correct and that the injury level is appropriate. Before finalising the risk assessment, users are reminded to do a sensitivity analysis to check the robustness of the results.</p> <p><b>Disclaimer:</b> The template has been developed by a Joint Action working group composed of market surveillance experts. The intention is to support market surveillance officials assessing the risk with a particular product as part of a market surveillance case. The template is not authorized or endorsed in any way and it is not binding for Member State market surveillance authorities. The contents of the original template is subject to change without notice.</p> <p><b>Disclaimer:</b> This Risk Assessment Template arises from the Joint Market Surveillance Action on GPSD Products – JA2016,</p>	<p>Organisation:</p> <p>Country: <b>COUNTRIES.NAME_</b></p>

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<p>which received funding from the European Union in the framework of the 'Programme of Community Action in the field of Consumer Policy (2014-2020)'. The content of this document represents the views of the author only and it is his sole responsibility; it cannot be considered to reflect the views of the European Commission and/or the Consumers, Health, Agriculture and Food Executive Agency or any other body of the European Union. The European Commission and the Agency do not accept any responsibility for use that may be made of the information it contains.</p>	

## 2 | Product risks - Overview

Scenario 1 :

To be determined - The climbing harness does not comply with EN 12277:2015, clause 4,2 and has inadequate mechanical strength. The climber uses the harness for mountaineering. The climber slips and falls so far that the harness breaks when the fall stops. The harness breaks in such a way that the climber falls out of the harness. The climber falls to the ground and dies.

## Scenario 1 : Other consumers - High position of user

### 1 | Product hazard

Hazard Group: **Potential energy**  
Hazard Type: **High position of user**

### 2 | Consumer

Consumer type: **Other consumers - Consumers other than vulnerable or very vulnerable consumers**

### 3 | How the hazard causes an injury to the consumer

Injury scenario: **The climbing harness does not comply with EN 12277:2015, clause 4,2 and has inadequate mechanical strength. The climber uses the harness for mountaineering. The climber slips and falls so far that the harness breaks when the fall stops. The harness breaks in such a way that the climber falls out of the harness. The climber falls to the ground and dies.**

### 4 | Severity of Injury

Injury: **Fracture**  
Level: **4 Neck, Spinal column**

### 5 | Probability of the steps to injury

Step	Step(s) to Injury	Probability
1	The climbing harness does not comply with EN 12277:2015, clause 4.2 and has inadequate mechanical strength.	1
2	The climber uses the harness for mountaineering.	1
3	The climber slips and falls so far that the harness breaks when the fall stops. (The probability depends upon the actual mechanical strength and can be estimated from the information in the report from the laboratory test.)	0
4	The harness breaks in such a way that the climber falls out of the harness. (The probability depends upon the nature of the non-compliance. It can be estimated from an examination of the product.)	0
5	The climber falls to the ground and dies. (Other outcomes with different probabilities may be possible depending upon the specific product. They should also be considered.)	0

Calculated probability	Overall probability	Risk of this scenario
To be determined	To be determined	Risk to be determined