

Engineering a Safe and Low-carbon Environment

Triple - play

***Market surveillance , consumers and manufacturers
working together for better electrical safety***

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严德
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Prosafe Chairman

Head of Regional Department North

FPS Economy - Belgium

- **Situation**
 - Legal framework
 - Unsafe products ?
- **Triple play**
 - **Consumers**
 - **Market surveillance**
 - **Manufacturers**
 - **Expectations**
 - **Links**
- **China**
- **Conclusion**

ELECTRICAL EQUIPMENT



Low Voltage Directive (LVD)

2006/95/EC

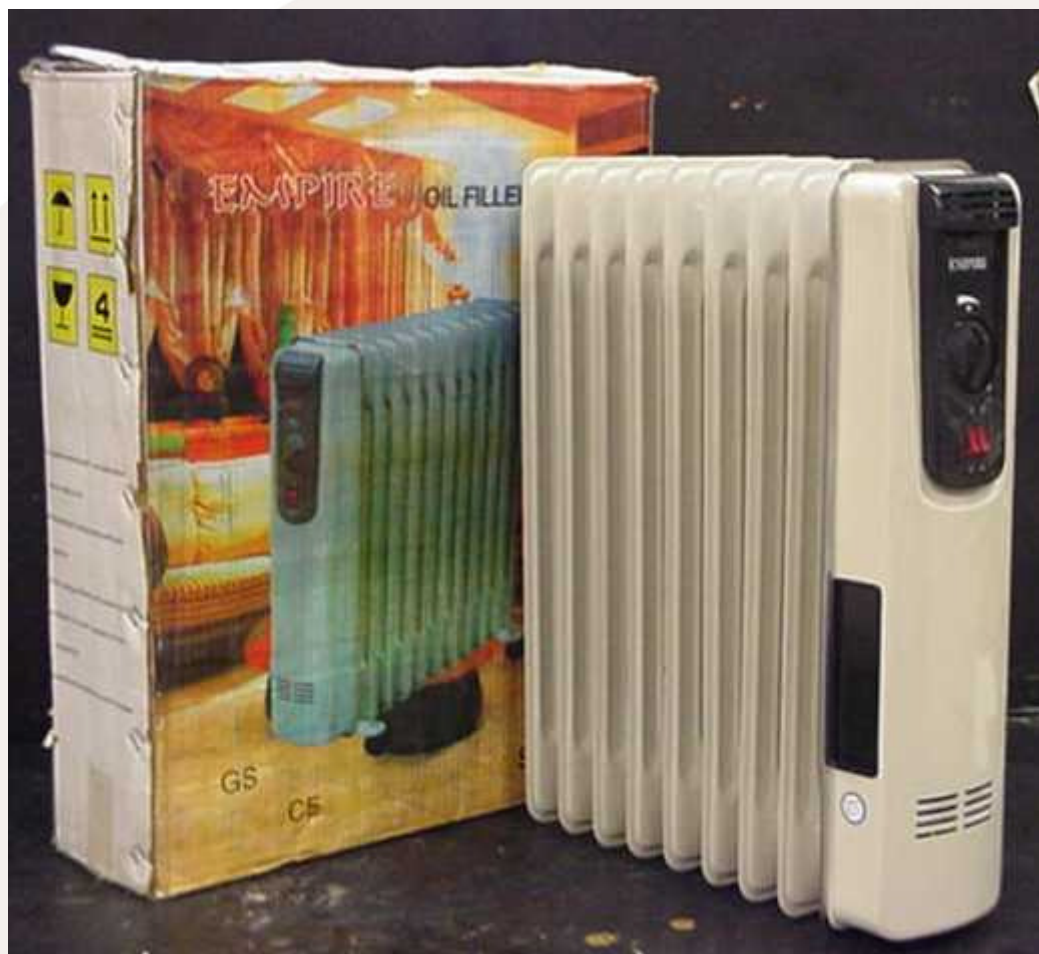
Any equipment designed for use with a voltage of

- between 50 and 1000 V for alternating current and*
- between 75 and 1500 V for direct current*

Situation – Legal Framework



Situation – Legal Framework



LVD

The MS shall take all appropriate measures to ensure that electrical equipment may be placed on the market only if,

(having been constructed in accordance with good engineering practice in safety matters in force in the Community),

it does not endanger the safety of persons, domestic animals or property when properly installed and maintained and use in applications for which it was made

GPSD

Producers shall be obliged to place only safe products on the market.

A product shall be presumed safe as far as the risks and risk categories covered by relevant national standards are concerned when it conforms to voluntary national standards transposing European standards, ...

RAPEX

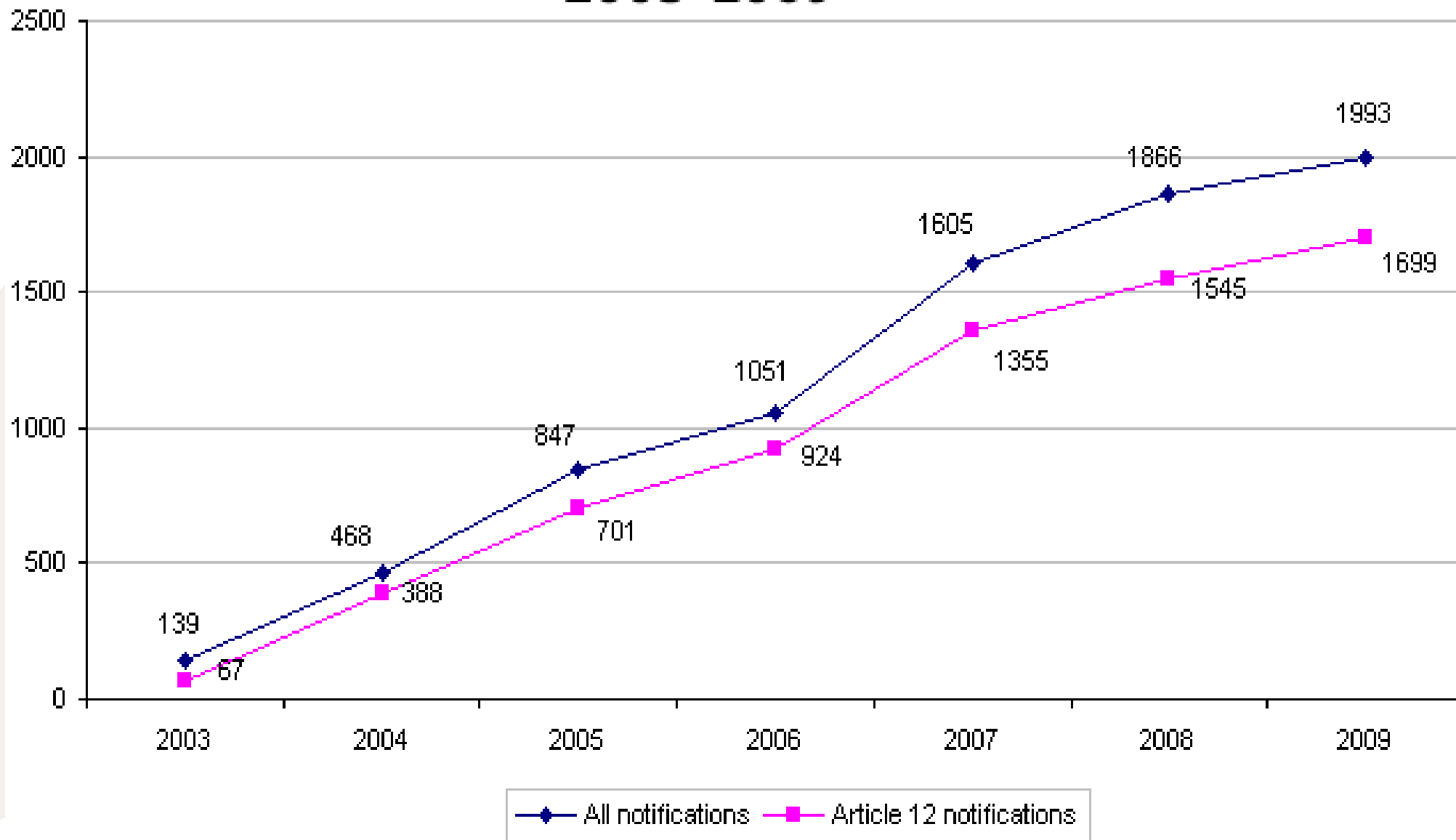
RAPEX is a European rapid alert system for dangerous non-food products.

It is used to disseminate information regarding dangerous products identified in one Member State to be quickly circulated between all the Member States and the Commission.



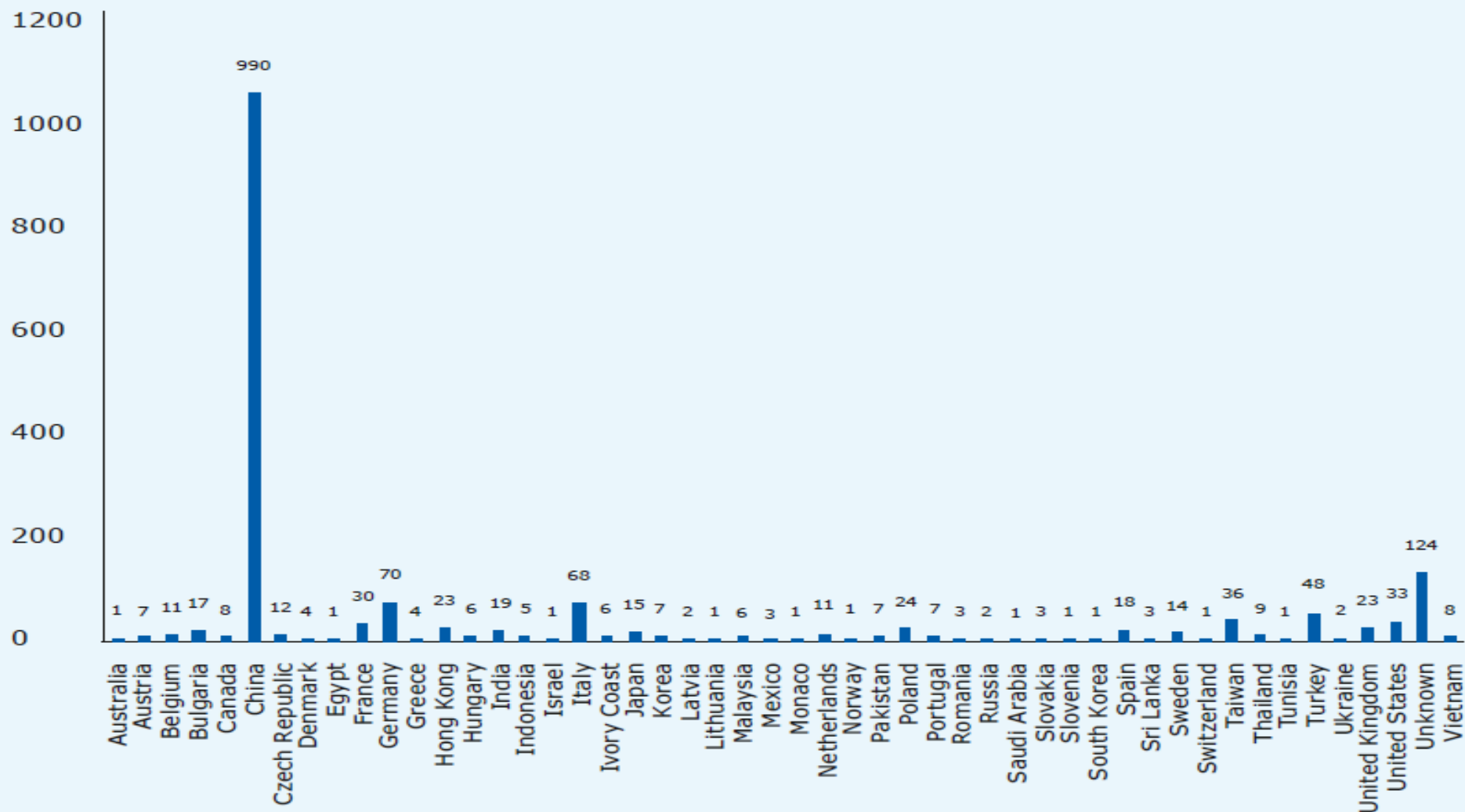
Situation – RAPEX

2003-2009



Situation – RAPEX

Figure 14 – Number of notifications by country of origin of the notified product



Situation – RAPEX

Figure 9 – Notifications by product category (%)

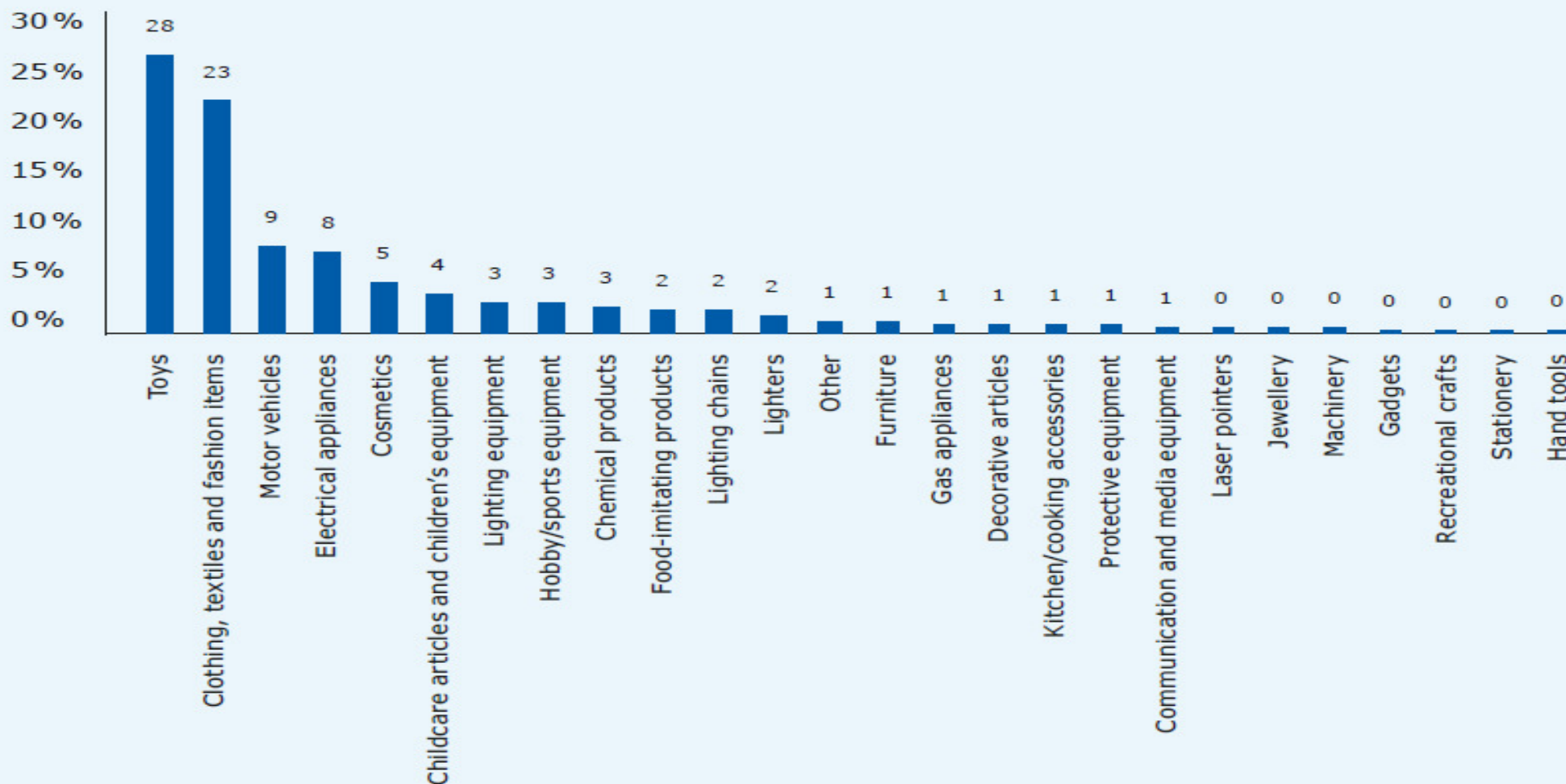


Figure 9 – Notifications by product category (%)

30 %
25 %
20 %
15 %
10 %
5 %
0 %

Figure 10 – The five most frequently notified product categories in 2009

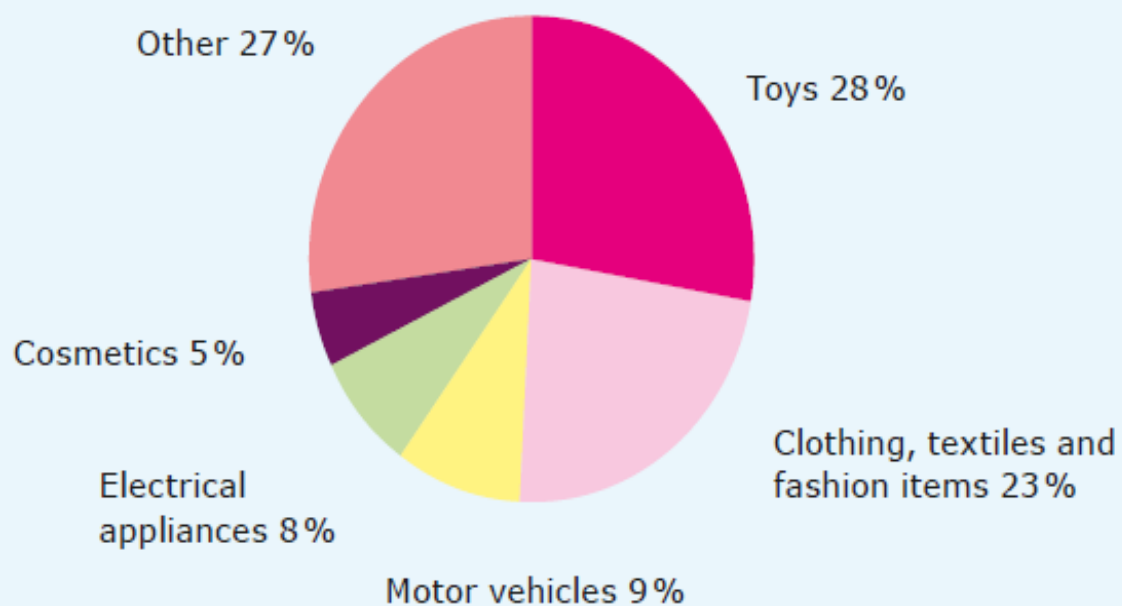
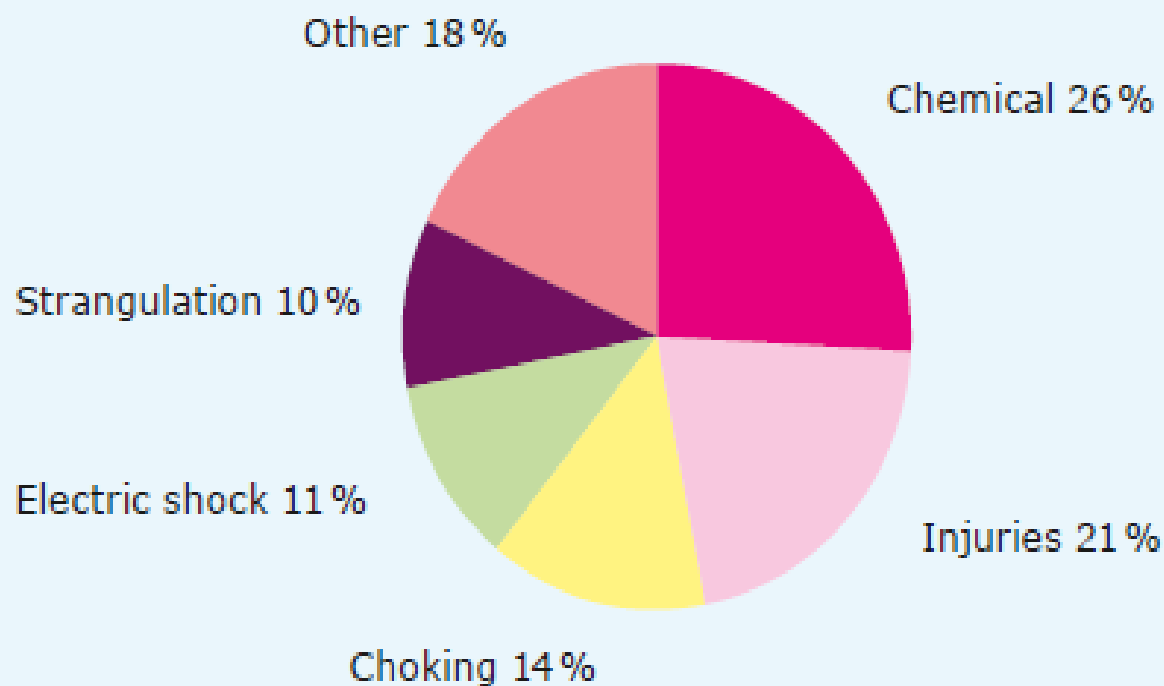


Figure 20 – The five most frequently notified types of risk in 2009



Consumers



Manufacturers

**Market
Surveillance**

Consumers: Safe Products

Consumers: Safe Products

Manufacturers : Level Playing Field

Triple Play - Expectations

Consumers: Safe Products

Manufacturers : Level Playing Field

Market Surveillance: Free circulation of products

Triple Play - Links

Consumers  **Market Surveillance**

Triple Play - Links

Consumers  **Market Surveillance**

Safe products

Triple Play - Links

Consumers  **Market Surveillance**

Safe products

Creation of trust:

- **Brand**
- **Markings**
- **Certification**

Triple Play - Links

Consumers  **Market Surveillance**

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Triple Play - Links

Consumers ↔ **Market Surveillance**

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Triple Play - Links

Consumers ↔ **Market Surveillance**

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Consumers  **Market Surveillance**

Safe products

Creation of trust:

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A mark affixed alongside the CE - marking:

- *signals conformity with requirements that differ from those behind the CE-marking*
 - *Nature ? Type ? Degree ?*
- of difference is NOT clear to consumers*

Triple Play - Links

Manufacturers  **Market Surveillance**

Triple Play - Links

Manufacturers  **Market Surveillance**
Ensuring a level playing field: enforcement

Triple Play - Links

Manufacturers  **Market Surveillance**
Ensuring a level playing field: enforcement

Notification of dangerous products: “business application”

Manufacturers **Market Surveillance** **BUSINESS APPLICATION**

- Secure internet system (since May 2009)
- Notification form
- RAPEX 2008: 48% notifications done by business

=> Simplify and speed up notification

- European database (ICSMS?)
- Single-point access
- Information restricted to MSAs

Triple Play - Links

Manufacturers  **Market Surveillance**
BUSINESS APPLICATION

<https://webgate.ec.europa.eu/gpsd-ba/>

http://ec.europa.eu/consumers/safety/rapex/guidelines_business_en.htm

GPSD - Business Application - Windows Internet Explorer

https://webgate.ec.europa.eu/gpsd-ba/index.do;jsessionid=LwXYKcM9ZCy2xjCSyFkTh7byhv1G1x7611Sd87v593c1fPPxL91443991619

Favorieten Shakes & Fidget - Het spe... Acer GameZone Acer Web Slice-galerie

GPSD - Business Application

Help Languages About












Business Application

Welcome to GPSD-Business Application

Overview of the Application

For Producers and Distributors

Please note that in order to use the notification form, you need Acrobat Reader version **8.1.2** or higher installed in your computer.

-  **1. Read the manual**
-  **2. Download the form**
 - +  English
 - +  French
 - +  German
 - +  Italian
 - +  Spanish
-  **3. Complete the form**
-  **4. Submit the form**
Please note that *no browser is needed*.
-  **5. Save the form**
Keep it on your PC for future reference.
-  **6. Confirm the Submission**
Check the confirmation email in you email box.

For National Authorities

You can access the application by clicking [here*](#).

**Please note that only national authorities of Member States responsible for receiving notification submitted by business have access to this application*

Gereed

Internet | Beveiligde modus: ingeschakeld

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Triple Play - Links

Manufacturers  **Market Surveillance**
Ensuring a level playing field: enforcement

Notification of dangerous products: “business application”

Training and education : standards

Triple Play - Links

Manufacturers  **Market Surveillance**
Ensuring a level playing field: enforcement
Enforcement

Notification of dangerous products: “business application”
Engagement

Training and education : standards
re-Engineering

Triple Play - Links

Manufacturers  **Consumers**

Triple Play - Links

Manufacturers  **Consumers**

Information

Triple Play - Links

Manufacturers  **Consumers**

Information

- **Publicity, manuals, ...**
- **Traceability (origin, brand, ...)**
- **Pro-active => Corrective action => Recalls**
- **Counterfeiting**

Triple Play - Standards

Consumers



CENELEC



Manufacturers

**Market
Surveillance**

China - Europe

China



Europe

“Global problems require global solutions”

China



Europe

“Global problems require global solutions”

EU – AQSIQ - CPSC: Trilateral co-operation

China



Europe

“Global problems require global solutions”

EU – AQSIQ - CPSC: Trilateral co-operation

**RAPEX China (since 2006): up to 1000 notifications
25 % export ban**

=> Blueprint for national surveillance system

China



Europe

“Global problems require global solutions”

EU – AQSIQ - CPSC: Trilateral co-operation

**RAPEX China (since 2006): up to 1000 notifications
25 % export ban**

=> Blueprint for national surveillance system

Training activities: toys, lighters, risk assessment

China - Europe

China

Europe

←→
“SEAMLESS SURVEILLANCE”

China



Europe

“SEAMLESS SURVEILLANCE”

Traceability: 25 % no actions taken

Closer to the source: sheer volume of products

Customs : Green trade lanes

China



Europe

“SEAMLESS SURVEILLANCE”

Traceability: 25 % no actions taken

Closer to the source: sheer volume of products

Customs : Green trade lanes

Link manufacturing controls in exporting countries

To checks carried out by importing countries

FACTORY TO FRONT DOOR

COOPERATION

COOPERATION

INFORMATION SHARING

CONSUMER CONFIDENCE

COOPERATION

**INFORMATION
SHARING**