



# Communication: Safety Summary

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**GPS / REACH / CLP workshop**

**Bratislava**

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## Document the risk assessment process and outcome

The objective of documenting the outcome of risk assessment is to provide:

- Company-specific documentation of the risk assessment performed  
Customers/authorities might ask for justification for the conclusions of the risk assessment
- A description of the recommended risk management measures, implemented by the company in order to minimize risks from hazard and exposure
- A clear description of the characteristics of a chemical, its potential P/C, toxicological, eco-toxicological hazards and potential sources for exposure for human or environment



## **Documentation should summarize the following:**

- Criteria used for prioritization of the chemical
- Hazard information collected
- Outcome of the hazard characterization
- Exposure information collected
- Outcome of the exposure assessment
- Outcome of the final risk assessment  
(e.g. safe, not safe, further steps required, etc.)
- Risk management measures implemented or to be implemented down the supply chain





# GPS Communication- Safety Summary

- **Compilation of relevant risk characterization and risk management information in an easily understandable format**
- **In EU the Safety Summary to be based on registration dossier**
- **To be communicated to employees, downstream customers, the public and other interested parties**
- **Regional flexibility will apply in the content of the GPS Safety Summary, it is up to the company to define the relevant information and layout but should include some basic elements**
- **Currently more than 1500 GPS Safety Summaries are already available on company websites**
- **The GPS Safety Summary does not replace required technical communication documents such as the extended Safety Data Sheet (eSDS)**
- **ICCA IT portal is now operational and Safety Summaries can be downloaded**



## The GPS Safety Summary for a chemical is:

- the final step of the risk assessment system.
- **NOT** intended to provide in-depth review of the risk characterization process  
or detailed health and safety information
- intended to provide the general public with a short overview of relevant  
information about the chemical
- a composition of information, provided in different kind of formats
- a basic source of information for a layman (no technical terms)
- > **Target audience:** General Public, interested stakeholders



## **Some of these elements could be incorporated into the GPS Safety Summary:**

- Chemical identity (or category description)
- Uses - applications, functions
- Physical/chemical properties
- Health effects
- Environmental fate and potential effects
- Exposure - exposure potential
- Risk management - recommended measures
- Accidental release measures
- Disposal consideration
- Handling and storage
- Contact information





## Documentation (GPS Safety Summary)

Although recommended, there may be company-specific reasons for not including one or more of the following elements.

On the other hand, there are other elements that might strengthen a company's stewardship message, e.g.:

- Benefits of chemical
- Special considerations
- Production
- Findings by agencies /scientific organizations
- Regulatory compliance
- Sources for additional information
- Conclusion statement
- Contact information



## GPS Safety Summary – Generic Template

The summary should be fairly basic and understood by a layman

In EU the content can be based on REACH registration dossier

The content is no fixed format. It is up to companies to decide what is in it.

Following could be considered:

- **Substance name**
- **General Statement**  
High level description , its hazards and recommendations on safe use
- **Chemical identity**  
Identifiers like CAS#, Einecs, IUPAC etc
- **Uses and Applications**
- **Physical/chemical properties**  
Focus on properties affecting exposure and environmental health.





- **Health Effects**

Summarize conclusions on health effects based on the toxicity testing results or structural activity relationship based findings. List result of key studies important for conclusion. Address both workers and consumers safety

- **Environmental Effects**

Summarize conclusions on environmental effects e.g. aquatic and/or terrestrial toxicity, environmental fate, biodegradation. List result of key studies important for conclusion.

- **Exposure**

Describe nature and level (expected concentration) of industrial, consumer and environmental use and describe practices that limit exposure





- **Risk Management Recommendations**

Describe practices for use and exposure at workplace, consumer and the environment. Exposure and Risk Management Recommendations can be combined into a “Potential Exposures” section with subheadings for Workers, Consumers, and Environment.

- **State Agency Review**

List whether the chemical has been or is currently under review by a regulatory agency . REACH, OECD, ICCA portal etc

- **Regulatory information / Classification and labelling**

Classification as notified, H-statements consistent to CSR

- **Conclusion**





- **Contact Information within company**  
Functional e-mail address
- **Glossary**
- **Date of issue**
- **Additional information**
- **Disclaimer**





# GPS Safety Summaries and SDS

## ● SDS/eSDS

- legally required for dangerous substances and mixtures (many countries)
- defined content
- technical and scientific language
- for well trained people
- intended to give advice to industrial/professional user
- major source for substance properties, risk information, PPE and threshold values
- not necessarily publicly available

## GPS Safety summaries

- based on ICCA self commitment
- content, size, design etc. not strictly controlled
- in a layman s language, readable and understandable by everybody
- information more tailored to consumer s needs
- for untrained people
- publicly available





# More than 1500 GPS Safety Summaries are already available via ICCA IT web portal

ICCA Chemical Information Search - Windows Internet Explorer

http://www.icca-chem.org/en/Home/ICCA-initiatives/global-product-strategy/chemical-information-search/

File Edit View Favorites Tools Help

ICCA Chemical Information Search

International Council of Chemical Associations

Glossary | Useful links | Site map | Resize text: A A A

Log in to ICCA Connect

Home About us **Priorities & initiatives** Policy News Events Publications Contact us Access ICCA GPS Chemicals Portal

You are here: Home > Priorities & initiatives > Global Product Strategy > Chemical Information Search

**Chemical Information Search**

To promote greater transparency, the chemical industry will share information about marketed substances with interested stakeholders. This portal is intended to offer public access to relevant information on chemicals.

**Search substances** (Search by one of the options below)

Chemical Name:

Chemical CAS Number:

Chemical EINECS Number:

Synonym:

Brand/Product Name: (optional)

Product Category: (optional)

Organisation or Company Name: (optional)

Global Product Strategy

Chemical Information Search

Resources

Responsible Care

High Production Volume

Long-Range Research Initiatives

GPS Portal Contributor Login

Username:

Password:

SUBMIT

Remember me?

Start | Inboxes | CP&H | GPS - Me... | ICCA GP... | RMT Sep... | ICCA Ch... | 07:47





## Demonstration ICCA IT Portal

- <http://www.icca-chem.org/en/Home/ICCA-initiatives/global-product-strategy/>



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**Thank you for your attention**

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