

Information to downstream users

Downstream user update

21 October 2015

Bridget Ginnity

European Chemicals Agency



Support available to downstream users

- What support there is
- What support is new
- Where to find it



Sections of the ECHA website of particular interest to downstream users



Downstream users



Formulators



Use chemicals safely at work



Information on Chemicals



Getting started

NEW

Sections of downstream

est to

- About Us
- Regulations
- Addressing Chemicals of Concern
- Information on Chemicals
- Chemicals in our Life
- Support

ECHA > Chemicals in our Life > Use chemicals safely at work

- About Us
- Regulations
- Addressing Chemicals of Concern
- Information on Chemicals
- Chemicals in our Life
 - CLP Pictograms
 - What about animal testing?
 - Use chemicals safely at work
 - Are there safer alternatives?
 - Which chemicals are of concern?
 - How can I use chemicals safely?
 - Why are chemicals important?
 - Who is responsible for chemical safety?
 - Hot scientific topics
- Support

Use chemicals safely at work



The safe use of chemicals in your workplace is essential for your health and wellbeing. The EU laws on chemicals, known as REACH, CLP and the Biocidal Products regulations, can help.

By law, you have to be provided with information that can help to answer these important questions: how hazardous are the chemicals and products that you handle and how can you use them safely?

For hazardous substances, suppliers now need to include more information in safety data sheets and on labels. Your employer has to use this information to put risk management measures in place to make sure that chemicals are used safely at your workplace.

These legal requirements apply equally to all companies – no matter which EU country they are based in or whether they manufacture, import or use chemicals.

Thanks to these laws, we now have:

- New knowledge about the hazards, exposure, risks of chemicals, and measures to control them.
- Improved communication between users and suppliers.
- Increased control of substances of concern – limiting their use or completely removing them from the European market and replacing them with safer alternatives.

The ultimate goal is to reduce exposure to hazardous chemicals and help prevent illnesses, injuries and accidents.

"We have supported REACH right from the beginning and we believe it is improving working environments," says Tony Musu from the European Trade Unions Confederation, who closely follows the work of ECHA as a representative of workers.

You can also play an active role.

Use the ECHA website as a source of information and put this knowledge to work in your workplace.

Read the labels

Labels can help you identify which chemicals are hazardous and how they can harm you.

Read the safety data sheets

Safety data sheets contain information on how you can handle chemicals safely and protect yourself.

Know your chemicals

Find information on ECHA's website about the hazardous and more widely used chemicals on the EU market and how they are classified.

What about exposure levels?

REACH introduces the maximum recommended levels for exposure to chemicals. Similarly, the Biocidal Products Regulation (BPR) introduces acceptable exposure levels for users of biocidal products.

What about safer alternatives?

REACH, CLP and the BPR promote the replacement of the most hazardous chemicals with safer alternatives.



Downstream



Chemicals

NEW

Sections of the ECHA website for downstream users



Downstream users



An agency of the European Union | Document library | News and Events | Press | Contact | English (en)

ECHA
EUROPEAN CHEMICALS AGENCY

Advanced search >

About Us | Regulations | Addressing Chemicals of Concern | Information on Chemicals | Chemicals in our Life | Support

ECHA > Support > Getting started

NEW

Getting started

Most companies use chemicals in one way or another. They are essential for our way of life and our economy, but they have to be managed safely so as to protect human health and the environment.

Equal standards for the manufacturing, supply and safe use of chemicals apply across the entire European Economic Area (EEA), which includes the EU Member States, Iceland, Liechtenstein and Norway. These standards apply to companies regardless of their position in the supply chain and the products they manufacture, import, export, supply or use.

This means that the legislation most likely applies to your business in some way. It:

- > Covers **all sectors** manufacturing, importing, distributing or using chemicals as raw materials or finished products (not only the chemical industry)
- > Applies to you **regardless of your company size**
- > Makes you responsible for the **safe use of the substances** you place on the market or use
- > Requires every actor in the supply chain to **communicate information** on the safe use of chemicals
- > Gives consumers the **right to ask** about substances of very high concern contained in your articles

What you have to do depends on the type of products you place on the market or use:

- > Substances on their own, including metals
- > Mixtures, or
- > Articles

You will have to comply with additional requirements if you place hazardous products on the market.

If this is new to you, start here. The first step is to identify your role in the supply chain for each product and then to check what is required of you. A single company may have more than one role.

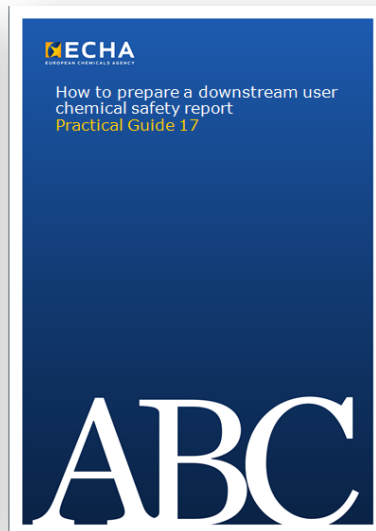
Do you make substances?
> **Manufacturer**

Do you buy chemicals, raw materials or finished products from outside the EEA?
> **Importer**

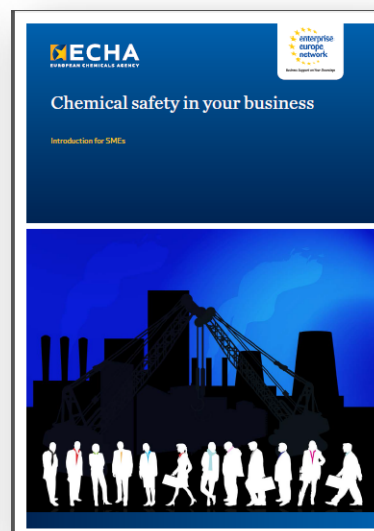
Do you represent a non-EEA company selling chemicals and/or goods to the EEA?
> **Only representative**

Use che

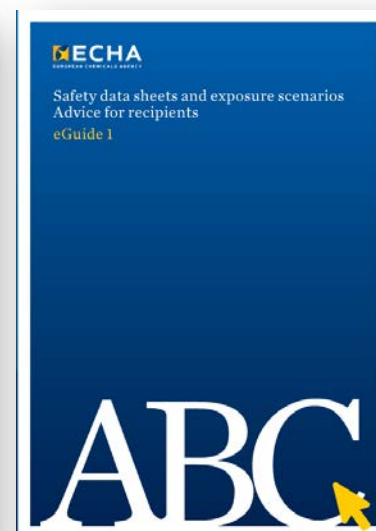
Guidance and Practical Guides for downstream users



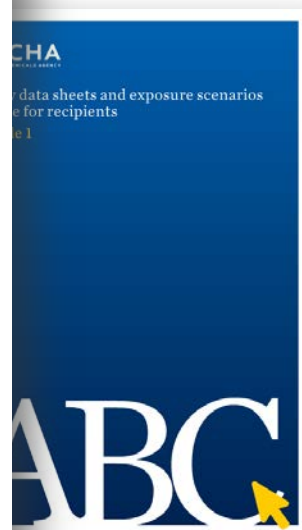
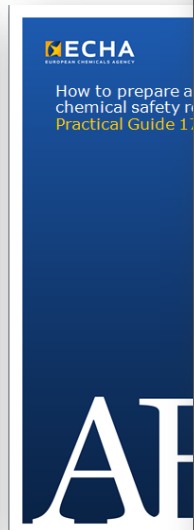
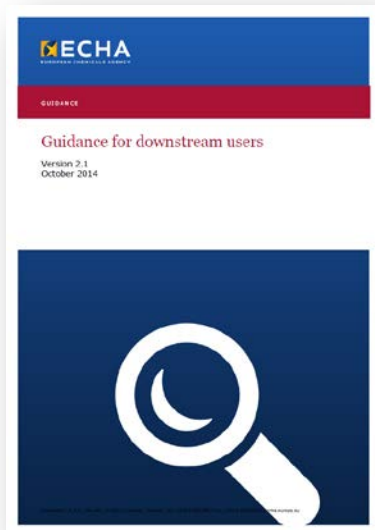
NEW



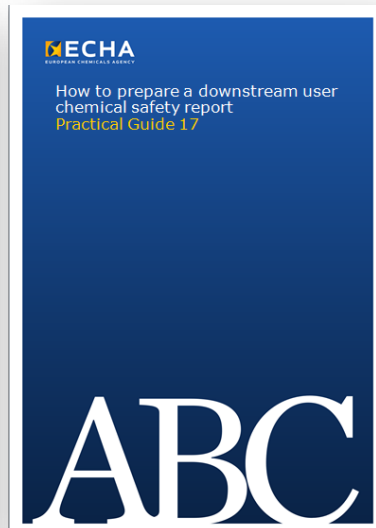
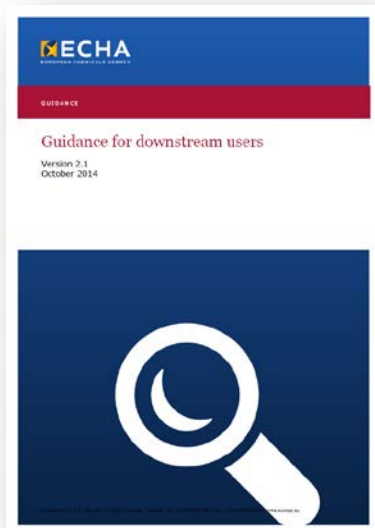
NEW



Guidance and P downstream us



Guidance and Practical downstream users



NEW



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Exposure Scenario

ES 2

Section 2: Conditions of use affecting exposure

describes what you will find there



The key points

describes what DU should do with the information



A closer look

'buttons' with extra sources of information, tools, templates



Page finder



Examples



Toolbox



Templates



More Info

Annex to SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006
ECHA Substance
Version 5.0-EN Revision Date 01.06.2014

2. Conditions of use affecting exposure

CS1: Control of environmental exposure: Industrial application of coatings and inks; Water-based scrubbing process (ERC 5)

Amount used, frequency and duration of use (or from service life)

Daily amount per site <= 0.02 tonnes/day

Annual amount per site <= 4.0 tonnes/year

Technical and organisational conditions and measures

Remove sludge regularly from process/cleaning water in reservoir.

Equalising tank required; Continuous releases.

Conditions and measures related to sewage treatment plant

Estimated substance removal from wastewater via municipal sewage treatment 22 %

Assumed municipal sewage treatment plant flow >= 2000 m3/d

Conditions and measures related to treatment of waste (including article waste)

Dispose of waste or used sacks/containers according to local regulations.

Other conditions affecting environmental exposure

Receiving surface water flow >= 18000 m3/d

CS2: Control of worker exposure: Industrial application of coatings and inks; Closed systems; With occasional controlled exposure (PROC 2)

Product (article) characteristics

Limit the substance content in the product to 5 %.

Amount used (or contained in articles) frequency and duration of use/exposure

Covers daily exposure up to 8 hours

Technical and organisational conditions and measures

Provide a basic standard of general ventilation (1 to 3 air changes per hour) .

Use in closed, continuous process with occasional controlled exposure

Other conditions affecting workers exposure

Indoor use

Assumes process temperature up to 40.0 °C

CS3: Control of worker exposure: Raw material transfer and/or dispensing with dedicated equipment (PROC 8b)

Product (article) characteristics

Limit the substance content in the product to 5 %.

Amount used (or contained in articles) frequency and duration of use/exposure

Avoid carrying out activities involving exposure for more than 1 hour.

Technical and organisational conditions and measures

Provide a basic standard of general ventilation (1 to 3 air changes per hour) .

Use in semi-closed process with opportunity for exposure

Other conditions affecting workers exposure

Indoor use

Assumes process temperature up to 40.0 °C



Safety Data Sheet checklist **NEW**

- Developed in cooperation with the Forum for Exchange of Information on Enforcement
- Designed from inspector's point of view
- Being made public to improve the quality of safety data sheets in the supply chain
- Site based checklist
- Detailed (office) checklist

RECIPIENT QUESTIONS		RESPONSE	REMARKS	TIPS
No.		YES NO		
1	Did the recipient receive the SDS automatically?	<input type="checkbox"/> <input type="checkbox"/>		Answer should be NO if the SDS had to be requested e.g. under Article 31(3)).
2	Is the SDS (& exposure scenario (ES) if attached) available in the national language(s)?	<input type="checkbox"/> <input type="checkbox"/>		Some MS have more than one official language, and may have specific provisions (Article 31(5)).
3	Are the appropriate Risk Management Measures (RMMs) applied onsite consistent with the recommended Risk Management Measures in the SDS?	<input type="checkbox"/> <input type="checkbox"/>		This is a general check, RMMs should be in line with the substance classification, and advice provided in Sections 4-8.
4	Did the recipient find any deficiencies in the SDS?	<input type="checkbox"/> <input type="checkbox"/>		If YES, then please explain actions in Qs 5 and 6. If NO, then Qs 5 and 6 can be left blank.

Sect	OFFICE-BASED CHECKLIST	PRESENT		ADEQUATE / APPROPRIATE		N/C	N/A	REMARKS
		YES	NO	YES	NO			
1	1.1 Product identifier (name, unique identifier e.g. EC/CAS No.) - If substance, has the registration number been provided?							
	1.2 Relevant identified uses - uses advised against							
	1.3 Details of the supplier of the SDS (full address, tel. etc.) - e-mail address for a competent person responsible for the safety data sheet - if supplier not located in Member State (MS), then responsible person in MS (if nominated by the supplier)							
	1.4 Emergency telephone number							

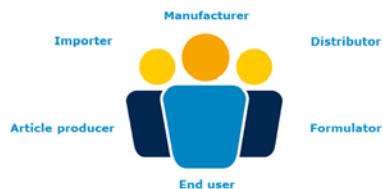
Presentations you can edit **NEW**

REACH & CLP

Downstream user overview



Communication in the Supply Chain



Overview and advice for downstream users

Checking the Exposure Scenario



Identifying and addressing chemicals of concern under REACH and CLP



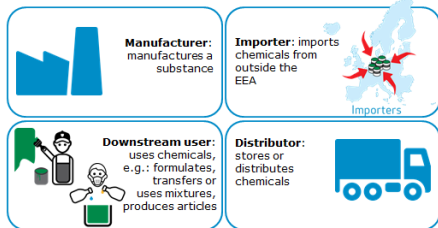
REACH and CLP

What formulators need to know



Examples of slides from editable presentations

Main roles of industry in REACH & CLP

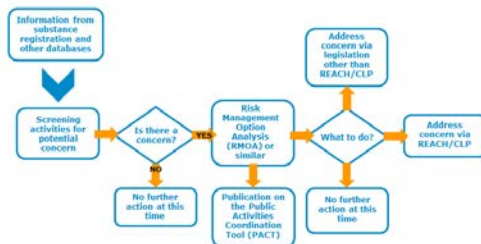


A company may have multiple roles – the role depends on the activity being undertaken with a given substance

Communication in the supply chain

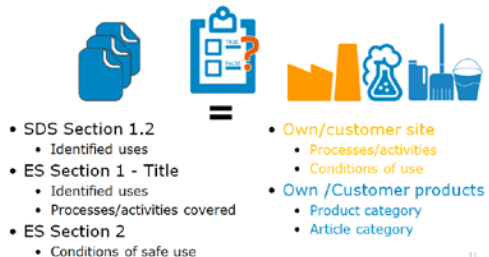


How do authorities identify a concern and decide how to address it?

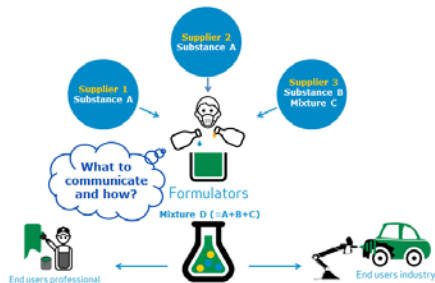


Checking uses and conditions of use

The exposure scenario should be checked by DUs for their own use and any foreseeable customer use

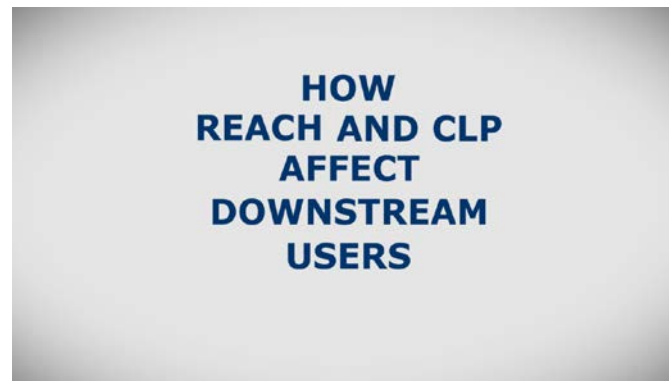


Formulating mixtures for end users



Explainer videos

NEW



Short, introductory videos on downstream user topics

Additional support material for downstream users

- Regular webinars
- Templates and illustrative examples
- Questions and answers
- Newsletter articles by and about downstream users
- Regular mailings to downstream users
- And more...

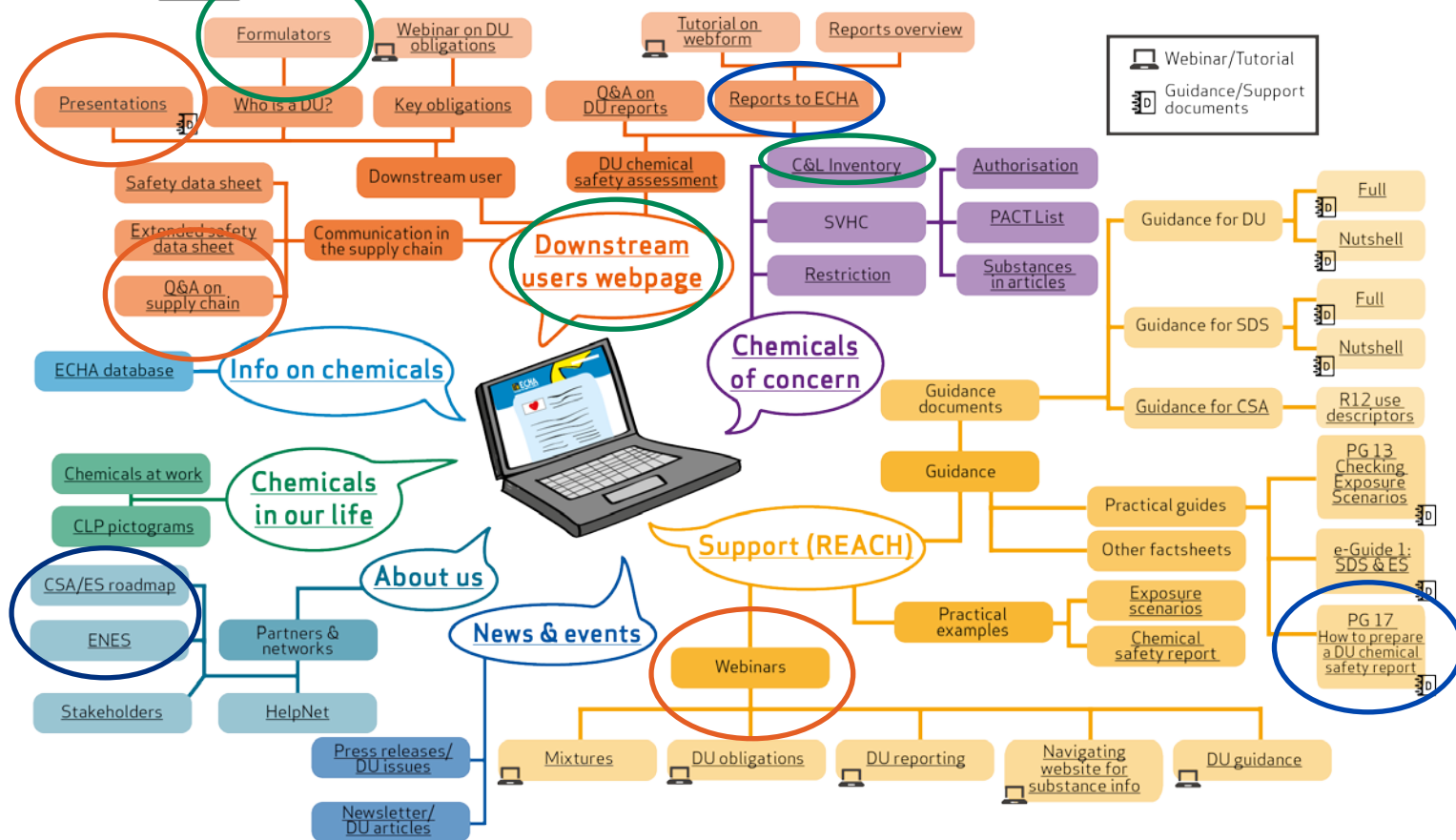
Interactive Map-another way to find things



Find the Interactive Map [here](#)

Interactive map of information for downstream users on ECHA Website

Boxes with underlined text contain links to further information



Ways to keep up-to-date

- Sign up after this webinar to our downstream user mailing list
- Sign-up for ECHA newsletter and media – details on the final slide
- Use your national helpdesk, sector organisation and competent authority websites, specialist media and such like
- Send us your comments, thoughts, suggestions, complaints, and even praise...
 - downstream_users@echa.europa.eu

Thank you!

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