






# REACH and CLP Update

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# What's new with...

## REACH






-  First registration deadline
-  Identification of SVHCs - Candidate List
-  First Annex XIV
-  Restriction proposals
-  New SDS Regulation (EC) No. 453/2010

## CLP

-  Notification & reclassification deadlines
-  2nd ATP

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# Recap - Deadlines

- 30<sup>th</sup> November 2010
  - Phase-in substances M/I at >1000t/yr
  - CMRs >1t/yr
  - R50/53 >100t/yr
- 2 further deadlines
  - 31<sup>st</sup> May 2013 (Phase-in substances M/I at > 100 t/yr)
  - 31<sup>st</sup> May 2018 (Phase-in substances at > 1 t/yr)

# Statistics

- Total of 24,675 Registration dossiers
- 3400 substances
  - Approx. 400 CMR substances
  - Approx. 150 R50/53 substances
- 1.1% of submitted dossiers came from Irish registrants (227 dossiers)



# Dissemination database

The screenshot shows a Microsoft Internet Explorer browser window displaying the ECHA Website. The address bar shows the URL: <http://apps.echa.europa.eu/registered/registered-sub.aspx>. The page title is "ECHA Website - Microsoft Internet Explorer provided by Health & Safety Authority". The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The address bar also shows a search box and a "Live Search" button. The browser's toolbar includes buttons for Home, Back, Forward, Stop, Refresh, Print, Page, Safety, Tools, and Help. The browser's status bar shows "Internet" and "100%".

The ECHA Website header features the ECHA logo, the text "European Chemicals Agency", and a language dropdown menu set to "English". The main navigation menu includes: HOME, SIEF, REACH, DATA SHARING, ENFORCEMENT, CONSULTATIONS, ECHA CHEM, Registry of intentions, Pre-Registered Substances, Registered Substances, Identified substances for registration in 2010, Authorisation, Evaluation, Substances of Interest, and Transitional measures. The main content area is titled "Information on Registered Substances" and contains the following text:

**Information on Registered Substances**

Here you can search in the ECHA database for information on registered substances. The information in the database was provided by companies in their registration dossiers. You can find a variety of information on the substances which companies manufacture or import: their hazardous properties, their classification and labelling and how to use the substances safely, for example.

The amount of information provided can be different for different substances – for example, the higher the production volume of the substance, the more information the companies need to provide. Please be aware that ECHA does not verify the information before dissemination.

The number of substances for which information is available in the database will increase over time as companies submit more registrations dossiers. For further information about the content of the database, please read the [Questions and Answers](#).

**Disclaimer**

The information disseminated in this web-portal comes from registration dossiers which have been assigned a registration number. The assignment of a registration number does however not guarantee that the information in the dossier is correct or that the dossier is compliant with REACH.

Use the information with care. Reproduction or further distribution of the information is subject to copyright laws and might require the permission of the owner of that information.

Potential registrants are reminded that pursuant to Article 10 of the REACH Regulation, robust study summaries and study summaries disseminated in this portal may only be used for the purpose of registration, where the potential registrant is in legitimate possession of the full study report or has permission to refer to the full study report.

To search the database, you must first take note of the above statement and accept the [Terms and Conditions](#) which apply on using this

<http://apps.echa.europa.eu/registered/registered-sub.aspx>

# What's next?

- If you are a registrant...
  - Registration number
  - Check your dossier
  - Update SDS: Registration number & Exposure scenarios
- Compliance check






# What's next?

- If you are a Downstream User...
  - Receive updated SDS with Exposure Scenarios?
  - Is your use covered?
  - Communication within the supply chain



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# SVHC's

- Substances of Very High Concern
  - Carcinogens, Mutagens and Toxic to Reproduction Cat 1 (CLP)
  - Persistent, Bioaccumulative and toxic (PBT)
  - Very Persistent and very Bioaccumulative (vPvB)
  - "Equivalent concern"

# Candidate List

- The last update was 15<sup>th</sup> Dec 2010
- 46 substances currently on the list
- Full list is available at:

[http://echa.europa.eu/chem\\_data/authorisation\\_process/candidate\\_list\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_en.asp)

- Legal obligations on companies
  - Substances on their own
  - In mixtures
  - In articles

# Annex XIV of REACH

- 1<sup>st</sup> Annex XIV expected to be published in OJ early 2011.
  - Musk xylene (vPvB)
  - MDA (Carcinogen)
  - HBCDD (PBT)
  - DEHP (Reproductive toxin)
  - BBP (Reproductive toxin)
  - DBP (Reproductive toxin)

# Annex XIV of REACH

- Key deadlines:
  - Latest application date
  - Sunset date

Remember!



- M/I/DU need to submit authorisation application to ECHA






# Annex XVII of REACH

- List of restricted substances
- Four new restriction proposals
  - DMFu (PC closed)
  - Lead and its compounds (PC closed)
  - Mercury (PC ongoing)
  - Phenylmercury compounds (PC ongoing)

[http://echa.europa.eu/consultations/restrictions/ongoing\\_consultations\\_en.asp](http://echa.europa.eu/consultations/restrictions/ongoing_consultations_en.asp)

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# Reg. (EC) No. 453/2010

- Amends Annex II of REACH
  - CLP classification criteria
  - SDS rules as set out in GHS
- Came into force on 20 June 2010
  - From 1<sup>st</sup> Dec 2010 Annex I of 453 replaces Annex II (1907/2006)
  - From 1<sup>st</sup> June 2015 Annex II of 453 replaces Annex I of 453





# Format (as per Art 31)

## SDS Required Headings

<b>1. Identification</b> of the substance/mixture and of the company/undertaking	<b>9. Physical and Chemical Properties</b>
<b>2. Hazard Identification</b>	<b>10. Stability and Reactivity</b>
<b>3. Composition/Information on Ingredients</b>	<b>11. Toxicological Information</b>
<b>4. First Aid Measures</b>	<b>12. Ecological Information</b>
<b>5. Fire-Fighting Measures</b>	<b>13. Disposal Considerations</b>
<b>6. Accidental Release Measures</b>	<b>14. Transport Information</b>
<b>7. Handling and Storage</b>	<b>15. Regulatory Information</b>
<b>8. Exposure Controls/Personal Protection</b>	<b>16. Other Information</b>

# Changes....

- Regulation changes text of Annex II from  
*“a guide to the compilation of safety data sheets”*  
to  
*“requirements for the compilation of safety data sheets” ...*



# Section 2 (Substances)

## 2. Hazard Identification

### 2.1 Classification of the substance

Classification according to Regulation (EC) No. 1272/2008 (CLP):  
Flam. Liq 2; H225  
Acute Tox 3; H301

Classification according to Directive 67/548/EEC:  
F; R11  
T; R25

### 2.2 Label elements:

Labelling according to Regulation (EC) No. 1272/2008 (CLP):

Hazard Pictograms:



Signal Word: Danger

Hazard Statements:

H225 Highly Flammable  
H301 Toxic if swallowed

Precautionary Statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

From 1<sup>st</sup> Dec 2010  
to 1<sup>st</sup> Jun 2015

**CLP & DSD**

**CLP Only**  
(as on Label)



# Section 2 (Mixtures)

## 2. Hazard Identification

### 2.1 Classification of the mixture

Classification according to Directive 1999/45/EC:

~~Xi; R36/38~~

### 2.2 Label elements:

Labelling according to Directive 1999/45/EC:

Symbol:



Indication of Danger:

Irritant

Risk Phrases:

R36/38 Irritating to eyes and skin

Safety Phrases:

S(2) Keep out of the reach of children

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves

From 1<sup>st</sup> Dec 2010  
to 1<sup>st</sup> Jun 2015:

**DPD**

**DPD**  
(as on Label)

## Section 2

- Also... if substance is subject to Authorisation, authorisation no. must be included in S.2.2 (label elements)
- Under S.2.3 Other hazards:
  - State if PBT or vPvB

# Sections 4, 5 & 6

- More detail is required for example:
  - S.4: advice to be provided on whether PPE required for first aider
  - S.5: specific advice for fire fighters
  - S.6: Methods and Material for containment and cleaning up

# Section 7

- More specifics required under subsections of:
  - S.7.1 Precautions for safe handling
  - S. 7.2 Conditions for safe storage, including any incompatibilities
  - S. 7.3 Specific end uses

# Section 15

- No more label information!
- Regulatory info:
  - Not included elsewhere:
    - POPs, Export/Import, Seveso category
  - Authorisation/Restriction info
  - CSA










## A few Musts...

- From 1<sup>st</sup> Dec 2010, all suppliers of substances & mixtures must provide SDS according to Annex I of Reg. 453
- From 1<sup>st</sup> June 2015, all suppliers must provide SDSs according to Annex II of Reg. 453

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# CLP Regulation

- 'Direct Acting' in EU
- Entered force on 20th Jan 2009
- Introduces new C&L system based on UN GHS

# C&L Inventory

- Database with:
  - C&L information on notified & registered substances received from M/I
  - List of harmonised classifications (Table 3.1 of Annex VI to CLP)
- Established and maintained by ECHA
- Made public in Spring/Summer 2011

# Notification Deadline

-  3<sup>rd</sup> January 2011: All substances placed on the market on 1<sup>st</sup> Dec 2010
-  Within 1 month after placing substance on the market on/after 1<sup>st</sup> Dec 2010

# Statistics

- 3 114 835 notifications submitted
- 107,067 substances
- 3% of notifications came from Ireland (89,445)
  
- Post notification...
  - Keep your notification updated

# Reclassification

Move from...



To...



# Reclassification

Physical:



Human Health:



Environment:



Additional hazard information: e.g.  
EUH066



# Reclassification Deadlines






- Substances manufactured or imported and placed on the market from 1st Dec 2010
- Derogation for substances 'already' placed on the market to 1st Dec 2012

# Reclassification Deadlines

- Mixtures formulated and placed on the market from 1st June 2015
- Mixtures imported and placed on the market from 1st June 2015
- Derogation for Mixtures 'already' 'on the shelf' to 1st June 2017

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## 2<sup>nd</sup> ATP to CLP

- Entry into force expected early 2011
- Amendments to technical annexes only
  - Provision for labelling for small packaging
  - New subcategories for Respiratory and skin sensitisation
  - Revised criteria for long term hazard to aquatic environment
  - New hazard class – Hazardous to the ozone layer 



Thank you!  
Any questions?