



THE REACH BORON CONSORTIUM

REACH REGISTRATION OF BORON AS A COMPONENT OF A MIXTURE [ALLOY]

INTRODUCTION

Members of the REACH Boron Consortium are manufacturers and importers of ferro-boron and other boron-containing alloys and will register Boron as a component of their alloy[s]. The REACH Boron Consortium will prepare a full REACH registration dossier for Boron [Einecs number 231-151-2, CAS number 7440-42-8]. ArcelorMittal has been elected to act as Lead Registrant for this dossier.

It is apparent that at the pre-registration stage, producers and importers of ferro-boron and other boron-containing alloys followed a variety of approaches to pre-registration of their alloys, including:

- FeB [Name: iron boride , Einecs number 234-489-9, CAS number 12006-84-7]
- Fe₂B [Name: diiron boride, Einecs number 234-490-4 CAS number 12006-85-8]
- Reaction masses of the above substances

Quite possibly there are some others also.

Those producers and importers [and only representatives] wishing to follow the approach being taken by members of the REACH Boron Consortium will therefore need to join the Boron SIEF and register, for example, Boron and Iron separately as components of ferro-boron alloy.

The procedure for those who have not pre-registered iron [Einecs number 231-096-4 CAS number 7439-89-6] and boron [Einecs number 231-768-7, CAS number 7723-14-0] is not entirely straightforward and we recommend the following approach:

- use the procedure outlined below to migrate from the SIEF for the substance that you have pre-registered to the SIEF for boron;
- submit an Inquiry dossier to ECHA so that you can register iron [or other alloying element(s)]

There are various guidance documents about Inquiries provided by ECHA. These can be downloaded from the ECHA website, but for convenience we have added them to the [REACH documents page](#) of our website:

- ECHA - Questions and Answers on Inquiry [November 2012]
- ECHA - Data Submission Manual: how to prepare and submit an inquiry dossier using IUCLID 5 [version 2.1, November 2012]
- ECHA - REACH-IT Industry User Manual: Part 11 - online dossier creation and submission for inquiries [version 2.1, November 2012]

The Inquiry process can be protracted - please contact us in case you have difficulties.

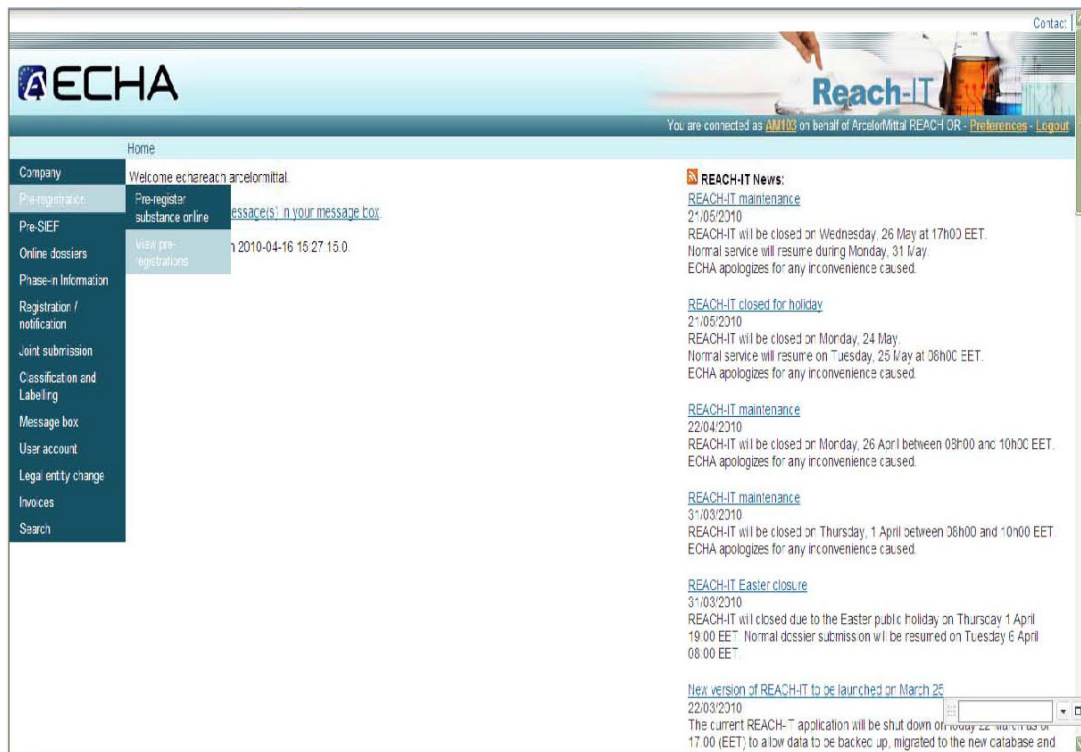
Those who have not yet purchased a letter of access to the Iron dossier can do so via the REACH Iron Platform's online portal at http://www.iron-consortium.org/Letters_of_Access.html. For access to the dossiers for other alloying elements, please contact the relevant REACH consortium - information can be found on the Eurometaux REACH Metals Gateway at <http://www.reach-metals.eu/>.

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HOW TO MIGRATE TO THE BORON SIEF

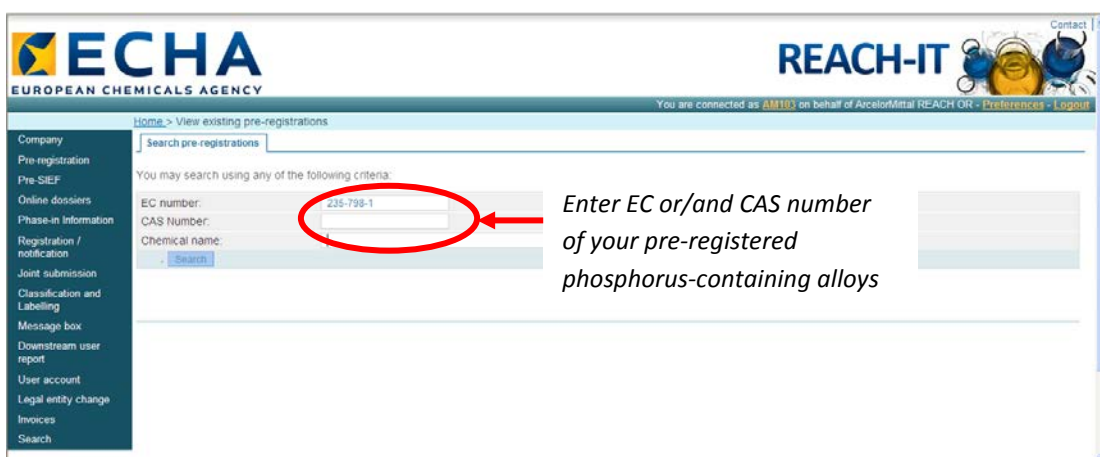
1. Go to your account in REACH-IT, search for your pre-registration - you can do this using the substance name or identifier [EC or CAS number] - see screen shots 1 and 2.

Screen Shot 1



The screenshot shows the REACH-IT home page. On the left is a navigation menu with options like 'Company', 'Pre-registration', 'Pre-SIEF', 'Online dossiers', 'Phase-in Information', 'Registration / notification', 'Joint submission', 'Classification and Labeling', 'Message box', 'User account', 'Legal entity change', 'Invoices', and 'Search'. The main content area displays 'REACH-IT News' with several announcements regarding system maintenance and closures, including dates like 21/05/2010 and 22/04/2010. A search bar is visible at the top right.

Screen Shot 2

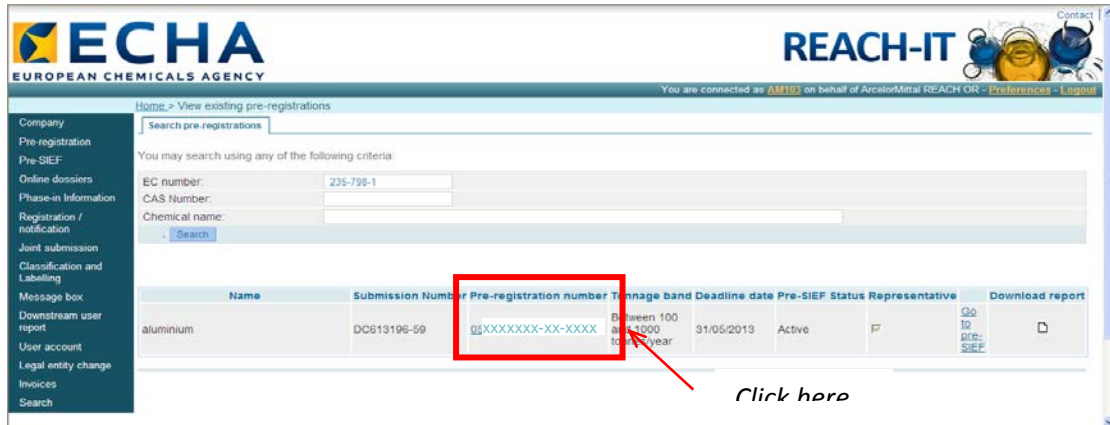


The screenshot shows the 'View existing pre-registrations' search page. A search bar is at the top. Below it, the user is prompted to search by criteria: 'EC number', 'CAS Number', or 'Chemical name'. The 'EC number' field contains the value '235-798-1', which is circled in red. A red arrow points from the text 'Enter EC or/and CAS number of your pre-registered phosphorus-containing alloys' to this field. A 'Search' button is located below the input fields.

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- When you see your pre-registration, click on the [pre-registration number](#) [which will be in blue] to view the Update pre-registration page- see screen shot 3

Screen Shot 3



Home > View existing pre-registrations

Search pre-registrations

You may search using any of the following criteria:

EC number: 235-798-1
 CAS Number:
 Chemical name:

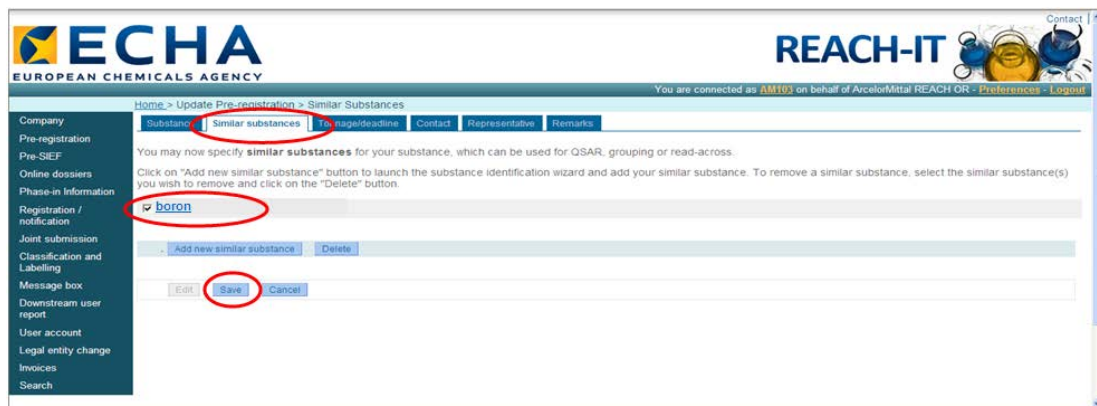
Search

Name	Submission Number	Pre-registration number	Technology band	Deadline date	Pre-SIEF Status	Representative	Download report
aluminium	DC613196-50	XXXXXXXX-XX-XXXX	Between 100 and 1000 tons/year	31/05/2013	Active	<input checked="" type="checkbox"/>	Go to pre-SIEF

Click here

- Click on the “Similar substances” tab. If you added Boron as a similar substance at the time of pre-registration you will see a tick box for Boron - see screen shot 4

Screen Shot 4



Home > Update Pre-registration > Similar Substances

Substance Similar substances Management/Deadline Contact Representative Remarks

You may now specify **similar substances** for your substance, which can be used for QSAR, grouping or read-across.

Click on “Add new similar substance” button to launch the substance identification wizard and add your similar substance. To remove a similar substance, select the similar substance(s) you wish to remove and click on the “Delete” button.

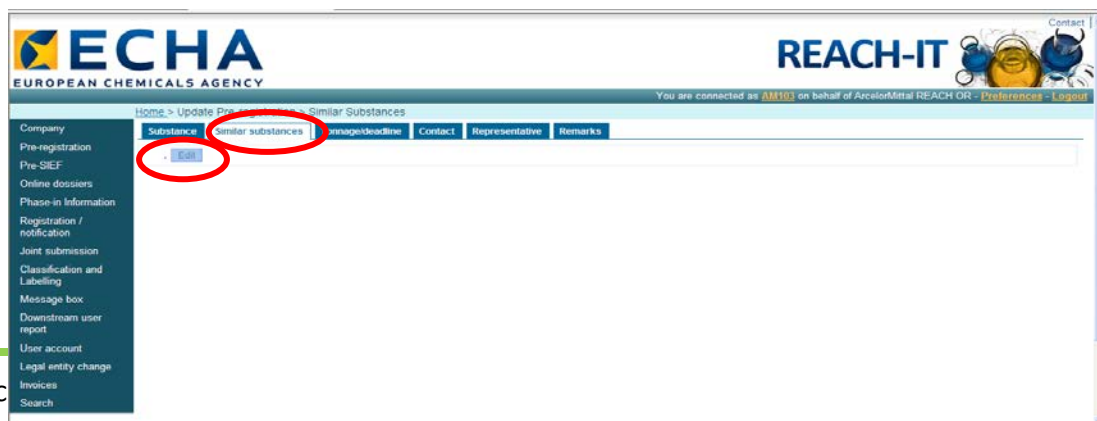
boron

Add new similar substance Delete

Edit Save Cancel

- If you did not add Boron as a similar substance at the time of pre-registration, click on the Add new similar substance tab, click on “Edit” to add Boron, and then click on “Add a new similar substance”.

Screen Shot 5



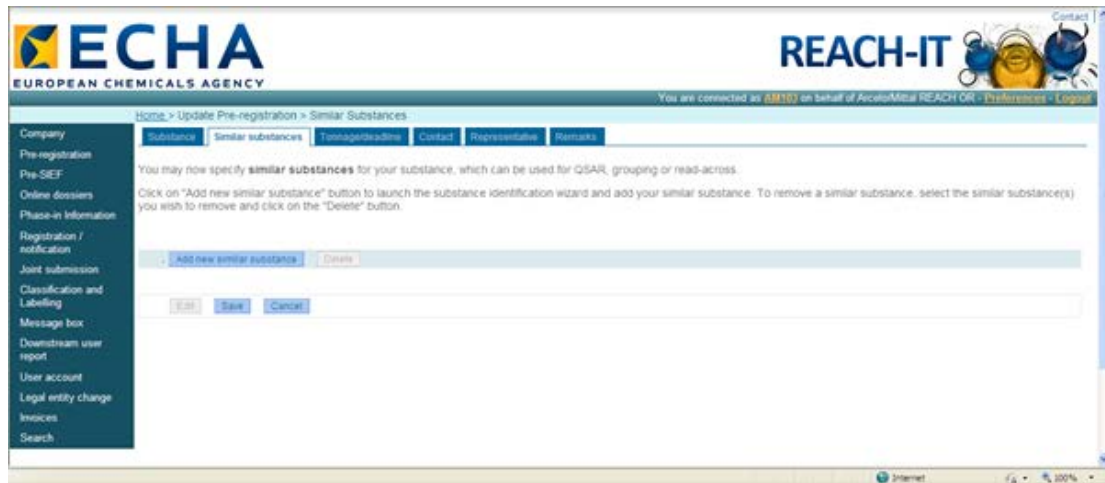
Home > Update Pre-registration > Similar Substances

Substance Similar substances Management/Deadline Contact Representative Remarks

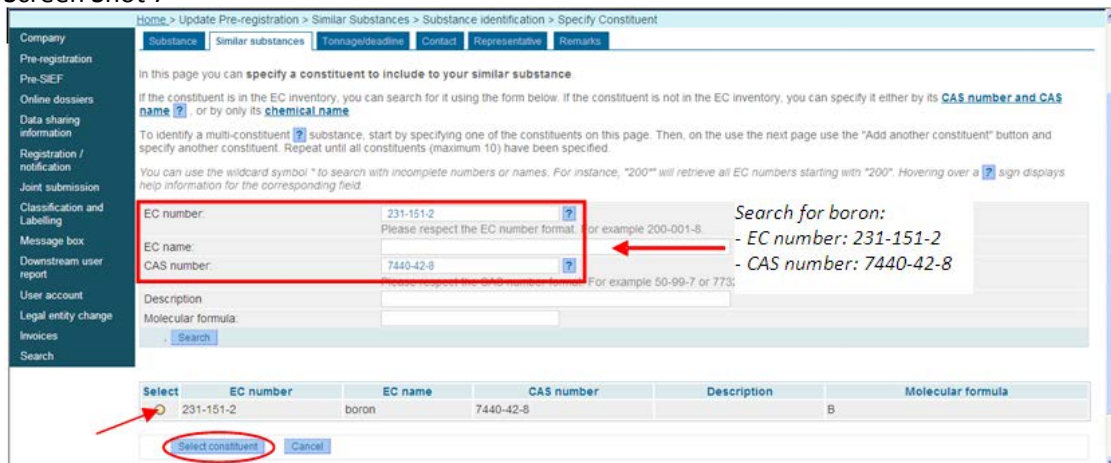
Edit

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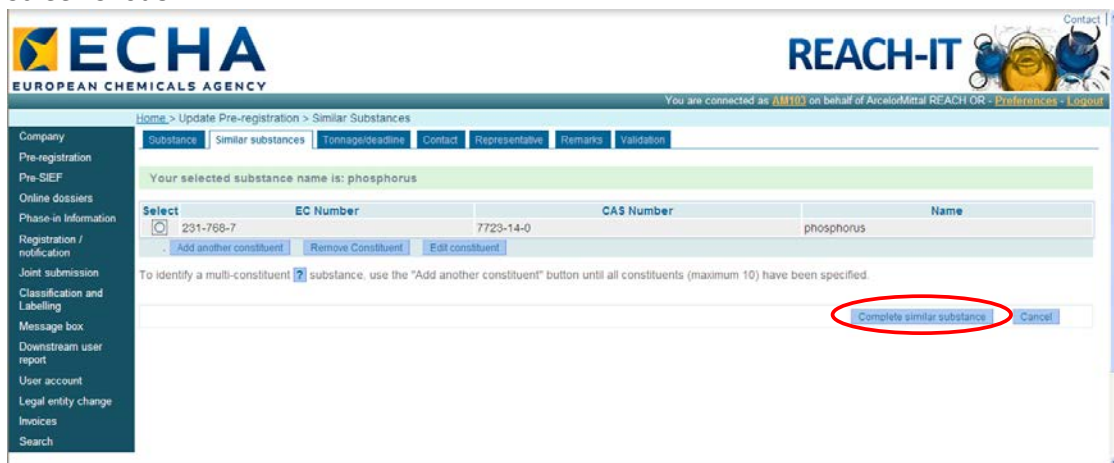
Screen Shot 6



Screen Shot 7



Screen Shot 8

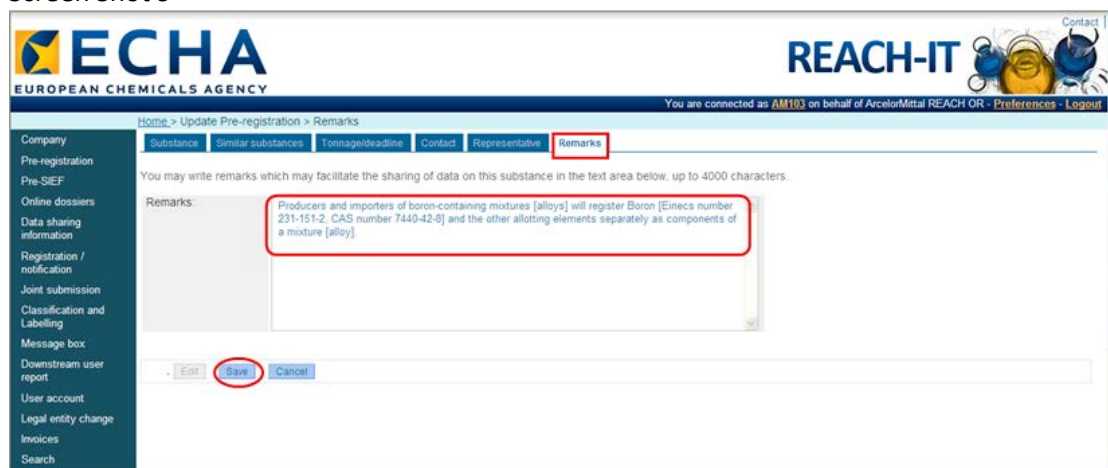


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Click on the Remarks tab on the Update pre-registration page and add the following comment in the Remarks box- see screen shot 9:

“Producers and importers of boron-containing mixtures [alloys] will register Boron [Einecs number 231-151-2, CAS number 7440-42-8] and the other allotting elements separately as components of a mixture [alloy].”

Screen Shot 9



The REACH Boron Consortium, acting on behalf of ArcelorMittal, the nominated Lead Registrant for Boron, will update the list of Boron SIEF members to include pre-registrants for FeB, Fe₂B, etc. and will create a single email distribution list for the enlarged SIEF. No action by SIEF members is required in this respect.

When it comes to completing your IUCLID 5 dossier, in section 1.3 you should add your pre-registration number and a remark about why the identifiers [Einecs and CAS numbers] of the substance being registered are different to those used for pre-registration. This will be covered in the guidance document on completion of sections 1-3 of the IUCLID 5 Boron dossier to be issued shortly.

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