

GUIDANCE ON COMPLETION OF SECTIONS 1 AND 3 OF THE IUCLID 5 DOSSIER: IRON ORES, AGGLOMERATES [PELLETS, EINECS NUMBER 265-996-3, CAS NUMBER 65996-65-8]

INTRODUCTION

This document details the information submitted by the Lead Registrant for Iron Ores, Agglomerates [iron ore pellets] and is intended as a guide to member registrants for completion of the necessary fields of sections 1 and 3 of their IUCLID 5.2 dossiers for Iron.

Note however that the text of REACH Regulation is the only authentic legal reference and the information contained in this document does not constitute legal advice. It is therefore recommended that member registrants should read all relevant ECHA Guidance documents, for [example Practical Guide 9: How to do a registration as a member of a joint submission](#).

Member registrants should make themselves aware of all new updates of the IUCLID software and its plug-ins.

This document contains two types of information:

- that which will be common to all dossiers which are part of the Joint Submission for Pellets - the cells for which in this document are highlighted in orange;
- that which is particular to your company - the cells for which in this document are highlighted in blue;
- Cells highlighted in grey relate to headings only and have no content.

In order to input data to fields, please click on the EDIT button or select Control-E.



Do not forget to save data entered by clicking on the save button.



Do not forget to check your substance and dossier files with the IUCLID 5.2 TCC plug-in tool [don't forget to update this plug-in].



If confidentiality is required, the registration fee will be more expensive and a justification has to be provided! Note that ECHA has very recently issued a [guidance document on confidentiality claims](#) - this can be downloaded from the ECHA website or from the Library page of the Iron Platform website via the link in this sentence. A fee calculator plug in for IUCLID 5.2 will soon be available.

Information on the creation of a new substance is available on the Iron Platform website in the [SLIDES FROM IUCLID AND REACH-IT WEBINAR 08/07/2010](#) [slides 14-20]. Member registrants will have to import all IUCLID files [reference substances and the file containing the uses] provided by the Iron Platform before creating their substance files. A guidance document "How to import an iSz file into IUCLID 5.2" is available on the Iron Platform website.

An IUCLID 5.2 dissemination plug-in tool is available. This allows a registrant to preview or simulate the information from its registration dossier that ECHA will make available via the internet.




1.1 IDENTIFICATION

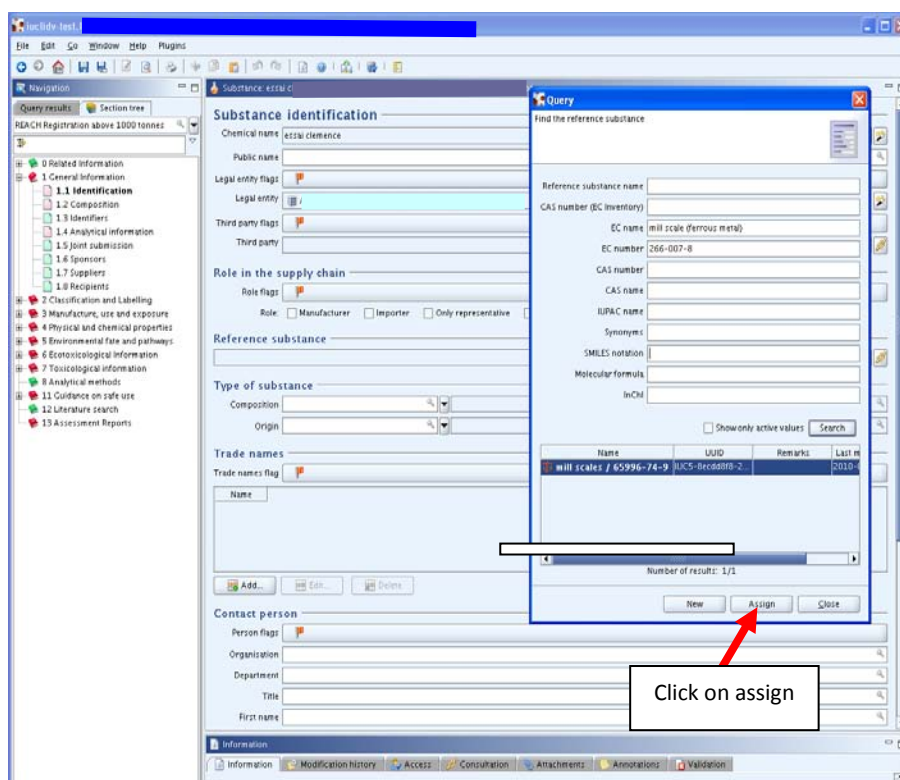
The screenshot shows the 'Substance identification' form in the ECHA REACH registration portal. The form is for 'Iron Ores, Agglomerates' and includes the following sections:

- Chemical name:** Iron Ores, Agglomerates
- Public name:** Pellets
- Legal entity flags:** EU REACH (checked)
- Legal entity:** Corus Staal BV / Velsen-Noord / Netherlands
- Third party flags:** (empty)
- Third party:** (empty)
- Role in the supply chain:**
 - Role flags:** EU REACH (checked)
 - Role:** Manufacturer Importer Only representative Downstream user
- Reference substance:**
 - EC number:** 265-996-3
 - EC name:** Iron ores, agglomerates
 - CAS number:** 65996-65-8
 - CAS name:** Iron ores, agglomerates
 - IUPAC name:** Iron ores, agglomerates
- Type of substance:**
 - Composition:** UVCB
 - Origin:** Inorganic

| ITEM | TEXT TO BE ADDED | EXPLANATION |
|---|-------------------------|--|
| Substance identification | Heading only | |
| Chemical name | Iron Ores, Agglomerates | |
| Public name | | Enter the generic name by which you describe your substance, e.g. Iron ore pellets / iron oxide pellets etc. |
| Legal entity or third party flags: | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| Confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| Programme restrictions | | Select EU: REACH from pick list. |
| Role in the supply chain | | Choose your role and tick the appropriate box[es]. Note: <ul style="list-style-type: none"> • If “manufacturer is selected, a production site is needed in section 3.3 • “downstream user” cannot be selected if the submission covers only intermediates • If “downstream user” is selected, “substance in article” must be ticked in section 3.4 • “only representative” cannot be selected together with “manufacturer” or “importer” |
| Role flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right |

| | | |
|---|--|---|
| | | level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Reference substance | Iron ores, agglomerates / 65996-65-8 | <p>To locate the reference substance from the IUCLID data base, click on this icon [see red arrow in screenshot above].</p>  <p>Select your substance from the database by typing in the name, EC or CAS number, click SEARCH, select the substance name and click Assign [see screenshot below].</p> <p>Two problems may arise:</p> <ul style="list-style-type: none"> • If no entry is found, you have first to import the substance from the EC inventory to the reference substance inventory. • If an entry is found but inactive, right mouse click and set to “active reference substance.” <p>In order to simplify matters, the Iron Platform will provide reference substance files which member registrants can import into their IUCLID dossiers.</p> |
| EC number / name | | This information is automatically provided when the reference substance is assigned. |
| CAS number | | This information is automatically provided when the reference substance is assigned |
| IUPAC name | | This information is automatically provided when the reference substance is assigned. |
| Description | <p>The product of agglomerating iron ore fines, concentrates, iron sinter, and other iron-bearing materials at 1100 to 1300°C. Includes pellets, nodules and briquettes.</p> <p>It is intended that the substance Iron Ores, Agglomerates be used for IRON OXIDE PELLETS only, not for Iron Sinter [which should be registered under Einecs number 265-997-9 Iron Sinter].</p> | |
| Synonyms | Pellets | |
| Molecular & Structural information | Heading only | |
| Molecular formula | Not available | |

| | | |
|---------------------------|--|---|
| Molecular weight range | | Leave blank |
| SMILES notation | Not available | |
| InChI | Not available | |
| Structural formula | | Leave blank |
| Remarks | The product of agglomerating iron ore fines, concentrates, iron sinter, and other iron-bearing materials at 1100 to 1300°C. Therefore it is not possible to give a 'Molecular Formula' and the 'Molecular Weight'. | |
| Type of substance: | Heading only | |
| composition | UVCB | Select from pick list |
| origin | inorganic | Select from pick list |
| Trade names | Heading only | |
| Trade names flag: | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | If confidentiality is required, a justification has to be provided. Leave blank or select the right level of confidentiality. |
| programme restrictions | | Leave blank or select EU: REACH. |
| Name | | If you have trade name[s] for your substance, add it/them here |
| Contact person | | These fields are for your own company information. The details entered should correspond with the information contained in REACH-IT |



Reference substance: Iron Ores, Agglomerates / Iron ores, agglomerates / Iron ores, agglomerates / 65996-65-8

Add... View... Delete

Group / category information

Molecular and structural information

EU: REACH

Molecular formula: not available

Molecular weight range: [] [] [] []

SMILES notation: not available

InChI: not available

Structural formula

Load... Zoom... Delete

Remarks: The product of agglomerating iron ore fines, concentrates, iron sinter, and other iron-bearing materials at 1100 to 1300°C. Therefore it is not possible to give a 'Molecular Formula' and the 'Molecular Weight'.

Information

Information Modification history Access Consultation Attachments Annotations Validation

www.iron-lucid.org - Iron Ores, Agglomerates / Iron Ores, Agglomerates / Iron ores, agglomerates / Iron ores, agglomerates / 65996-65-8 / CorusStaal BV / Vietnam Noord / Netherlands

File Edit Go Window Help Plugins

Navigation

Query results Section tree

REACH Registration above 1000 tonnes

- 0 Related information
 - 0.1 Templates
 - 0.2 Categories
 - 0.3 Mixtures
- 1 General information
 - 1.1 Identification
 - 1.2 Composition
 - 1.3 Identifiers
 - 1.4 Analytical information
 - 1.5 Joint submission
 - 1.6 Sponsors
 - 1.7 Suppliers
 - 1.8 Recipients
 - 2 Classification and Labeling
 - 2.1 CHS
 - 2.2 DSD - DPD
 - 3 Manufacture, use and exposure
 - 3.1 Technological process
 - 3.2 Estimated quantities
 - 3.3 Sites
 - 3.4 Form in the supply chain
 - 3.5 Identified uses
 - 3.6 Uses advised against
 - 3.7 Waste from production and use
 - 3.8 Exposure estimates
 - 3.9 Ecobid information
 - 4 Physical and chemical properties
 - 4.1 Appearance/physical state/col
 - Appearance/physical state/col
 - Appearance/physical state/col
 - 4.2 Melting point/freezing point

Substance: Iron Ores, Agglomerates / Iron Ores, Agglomerates / Iron ores, agglomerates / Iron ores, agglomerates / 65996-65-8 / CorusStaal BV / Vietnam Noord / Netherlands

Add... View... Delete

Contact person

Person flags EU: REACH

Organization

Department

Title

First name

Last name

Phone

Mobile

Fax

E-mail

Address

Address

Postal code

Town

Region / State

Country


Remarks

Additional address line

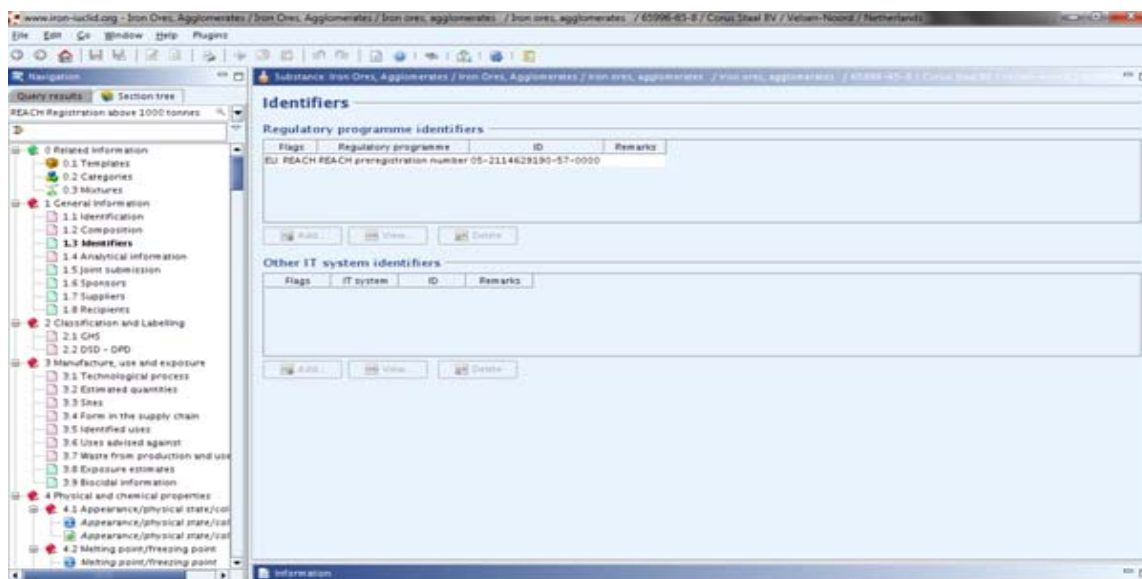
Information

1.2 COMPOSITION

| ITEM | TEXT TO BE ADDED | EXPLANATION |
|------------------------|---|---|
| Substance composition | Heading only | Create a block here |
| Name | Iron Ores, Agglomerates | |
| Brief description | The product of agglomerating iron ore fines, concentrates, iron sinter, and other iron-bearing materials. Includes pellets, nodules and briquettes. | Text from Lead Registrant. |
| Composition ID | | Automatically filled by IUCLID. |
| Degree of purity flags | | |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Degree of purity | 100% and % [w/w] | |

| | | |
|------------------------------|--|--|
| Constituents | Iron Ores, agglomerates / 65996-65-8 | |
| Reference substance | Iron Ores, agglomerates / 65996-65-8 | <p>To locate the reference substance from the IUCLID data base, click on this icon [see section 1.1 above].</p>  <p>Select your substance from the database by typing in the name, EC or CAS number, click SEARCH, select the substance name and click Assign.</p> <p>Two problems may arise:</p> <ul style="list-style-type: none"> • If no entry is found, you have first to import the substance from the EC inventory to the reference substance inventory. • If an entry is found but inactive, right mouse click and set to "active reference substance." <p>In order to simplify matters, the Iron Platform will provide reference substance files which member registrants can import into their IUCLID dossiers.</p> |
| Typical concentration | 100% w/w | |
| Concentration range | 100% w/w | |
| Remarks | Due to the lack of differentiation between constituents and impurities, the terms "main constituents" and "impurities" should not be regarded as relevant for UVCB substances (Ref. ECHA - Guidance for identification and naming of substances under REACH - Section 4.3.1.1 Information on chemical composition) | Suggested text. |
| Impurities | | Do not create a block here - leave blank. |
| Additives | | Do not create a block here - leave blank. |

1.3 IDENTIFIERS




| ITEM | TEXT TO BE ADDED | EXPLANATION |
|---|------------------|---|
| Flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Regulatory programme identifiers | | Select REACH Pre-registration number or REACH Inquiry number from the pick list. |
| ID | | Enter your pre-registration or inquiry number. |
| Remarks | | Leave blank |
| Other IT system identifiers | | Leave blank |



1.4 ANALYTICAL INFORMATION


The screenshot shows the ECHA REACH database interface. The left sidebar contains a navigation tree with categories like 'General information', 'Classification and Labeling', and 'Physical and chemical properties'. The main content area is titled 'Analytical information' and includes a section for 'EU REACH' and 'Analytical methods and spectral data'. Below this, there is a 'Results of analysis' section for 'Chemical analysis (ORF) sameness', which lists the analysis type, tested substance, method used (XRF), and a link to a PDF document.

This screenshot shows the 'Results of analysis' section for two different entries. The first entry is for 'Iron Ore Pellets sameness composition' with method 'XRF' and a link to a PDF. The second entry is for 'Iron Ore Pellets Corus Staal BV - @suiden works', also with method 'XRF' and a link to a PDF. The interface layout is consistent with the previous screenshot.

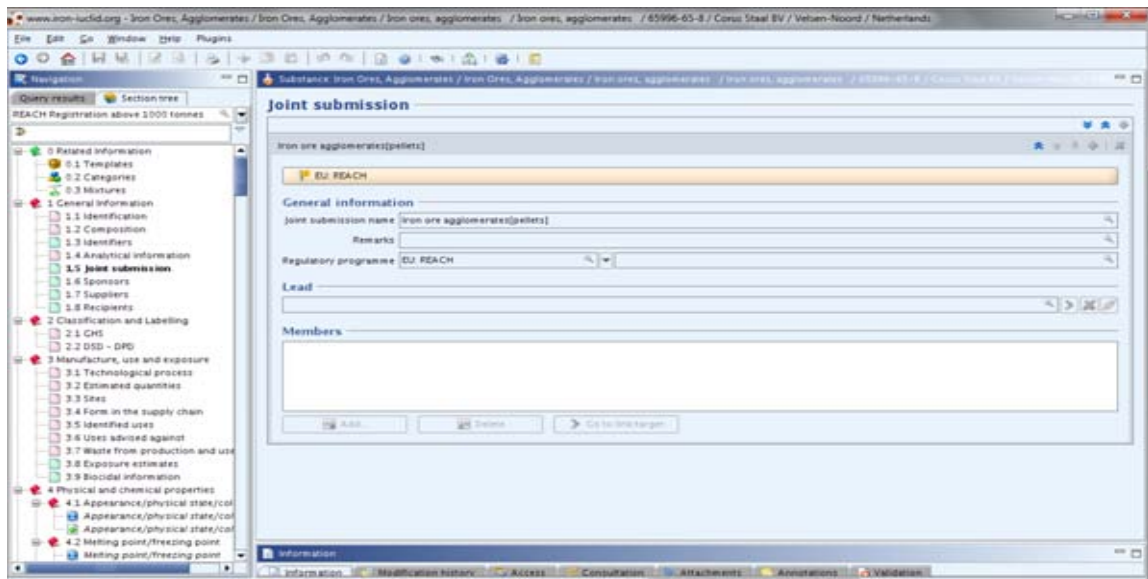
For guidance on the analytical methods to use, please refer to our guidance document on [Composition and Analysis for Pellets](#).

| ITEM | TEXT TO BE ADDED | EXPLANATION |
|---|------------------|---|
| Analytical information flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Analytical methods and spectral data | |  Attach a document describing the analytical methods |

| | | |
|--|---|---|
| | | used. |
| Optical activity | Not applicable for inorganic substances. | |
| Results of analysis - chemical analysis | Heading only | Create a new block here. |
| Analysis type | Chemical analysis to prove sameness | |
| Tested substance | | Identify the substance tested, e.g. pellets from..... |
| Analysis results | |  Attach a file with your chemical analysis data. The name of the file will automatically appear in this field. |
| Method used | | Specify the analysis method and standard in accordance with which the analysis has been carried out, e.g. XRF in accordance with ISO ... |
| Remarks | The sameness composition for Iron Pellets is as follows: Fe_2O_3 : >80% Fe: 60-69% SiO_2 : <10% Al_2O_3 : < 3% CaO: < 8% MgO: < 5% P: <0.2% S: <0.1% Free moisture: \leq 6% Nominal particle size: Pellets 5-20 mm [undersize <5%] Pellet fines <10 mm | Recommended text. |
| Results of analysis - spectral analysis X-Ray diffraction [XRD] | | Create a new block here. |
| Tested substance | | Identify the substance tested, e.g. pellets from..... |
| Analysis results | |  Attach a file with your analysis data. The name of the file will automatically appear in this field. |
| Method used | | Specify your analysis method, e.g. "spectral analysis X-Ray Diffraction." |
| Remarks | | You may wish to insert a summary of the conclusion from your XRD analysis, e.g. "The diffractogram shows that Iron is mainly present in Iron Ores, Agglomerates as Iron oxide (hematite)." |
| Results of analysis - particle size distribution | | Create a new block here. |
| Analysis type | | Specify the name of the method |

| | | |
|-------------------------|--|--|
| | | used for this analysis, e.g. "screen analysis." |
| Tested substance | | Identify the substance tested, e.g. pellets from..... |
| Analysis results | |  Attach a file with your analysis data. The name of the file will automatically appear in this field. |
| Method used | | Specify your analysis method, e.g. "screen analysis carried out in accordance with ... standard." |
| Remarks | | If you wish to add any remarks about your screen analysis results, enter them in this field. |

1.5 JOINT SUBMISSION



| ITEM | TEXT TO BE ADDED | EXPLANATION |
|------------------------|---------------------------------|---|
| Joint submission name | Iron ore agglomerates[pellets] | |
| Joint submission flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Lead | | Leave blank |
| Members | | Leave blank |

1.6 SPONSORS

Registrants can specify different Sponsor organisations, e.g. a Competent Authority in the context of the OECD HPV Chemicals programme or a Company in the context of the US EPA HPV Challenge programme. Otherwise leave this section blank.

The screenshot displays a web-based interface for REACH registration. On the left is a navigation tree with the following structure:

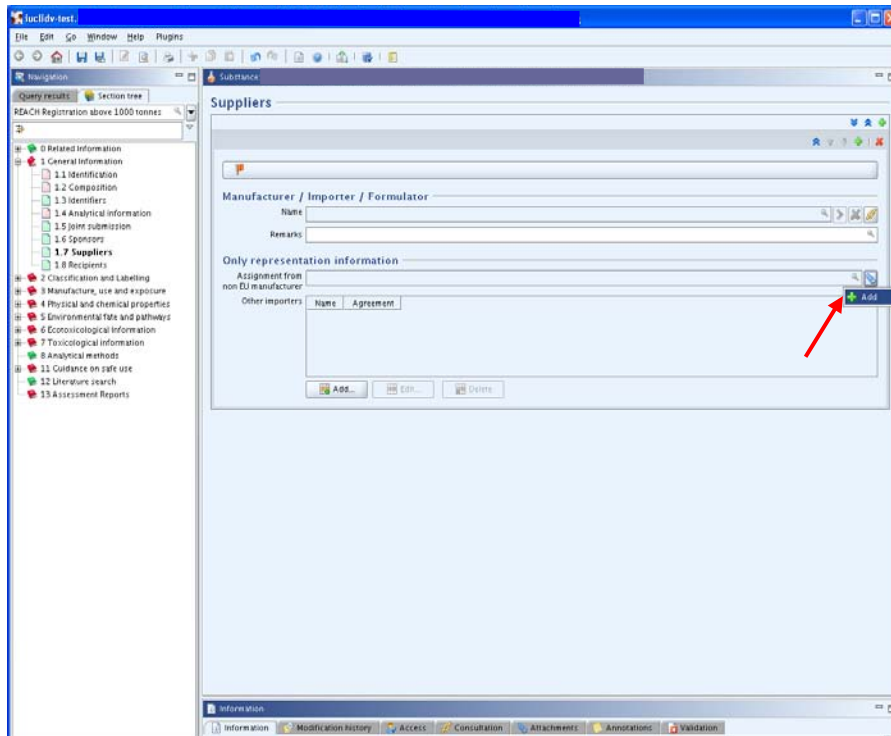
- 0 Related Information
- 1 General Information
 - 1.1 Identification
 - 1.2 Composition
 - 1.3 Identifiers
 - 1.4 Analytical information
 - 1.5 Joint submission
 - 1.6 Sponsors
 - 1.7 Suppliers
 - 1.8 Recipients
- 2 Classification and Labelling
- 3 Manufacture, use and exposure
- 4 Physical and chemical properties
- 5 Environmental fate and pathways
- 6 Ecotoxicological information
- 7 Toxicological information
- 8 Analytical methods
- 11 Guidance on safe use
- 12 Literature search
- 13 Assessment Reports

The main content area is titled 'Sponsors' and contains the following form fields:

- Name:
- Type:
- Contact information:
 - Address:
 - Address:
 - Postal code:
 - Town:
 - Region / State:
 - Country:
 - Phone:
 - Fax:
 - E-mail:
 - Web site:
- Contact persons:

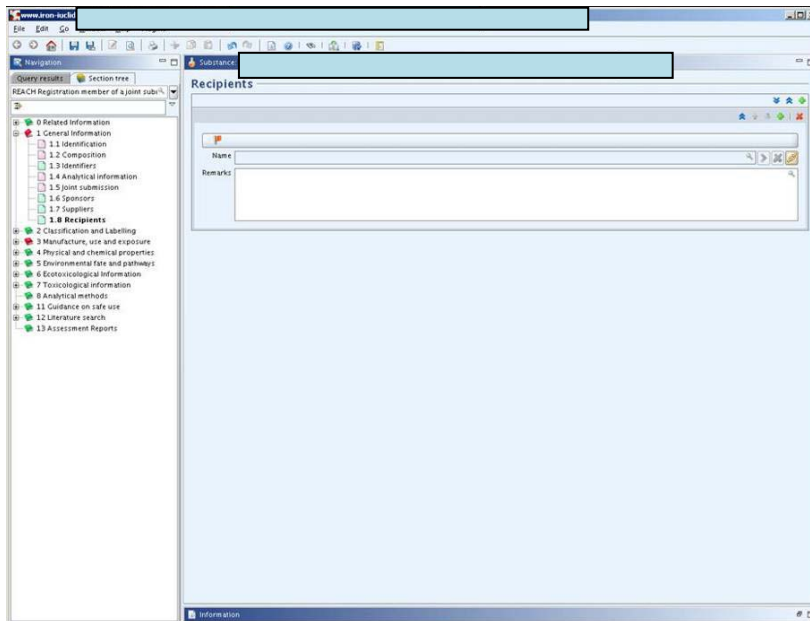
1.7 SUPPLIERS

Leave this section blank unless you are Only Representative. Although not mandatory, ECHA recommends that as an Only Representative you should attach clear documentation of your appointment as Only Representative, for example a copy of the appointment letter sent to importers. In this case you are also advised to indicate the list of importers' names covered by the registration in the field "Other importers". The Iron Platform strongly advises Only Representatives to follow ECHA's recommendation.

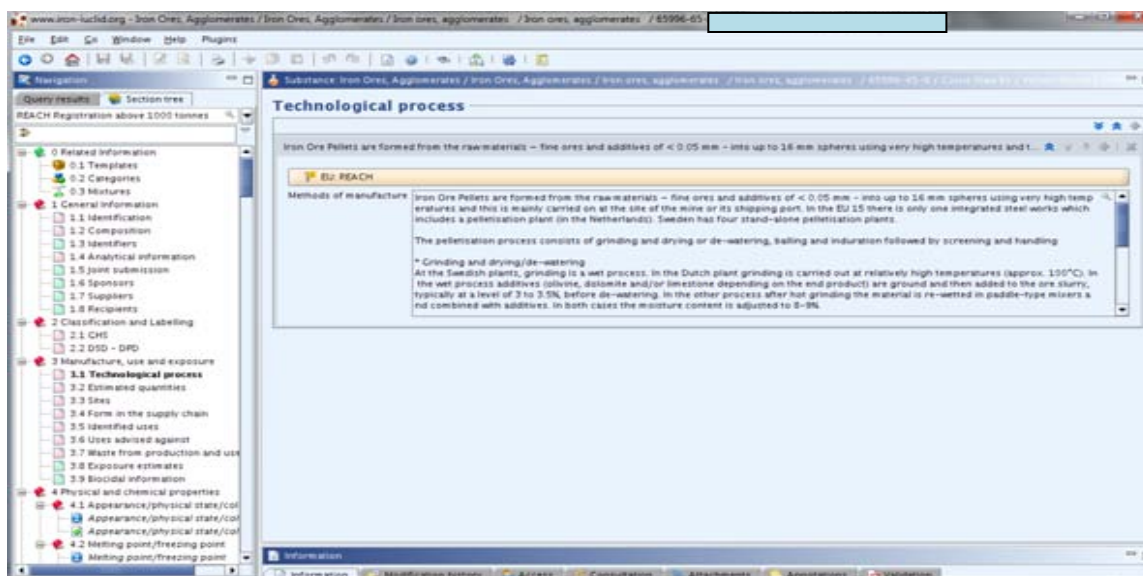


1.8 RECIPIENTS

A recipient can be a Downstream user, Distributor or Customer [e.g. in the context of Product and Process Orientated Research and Development (PPORD)] being supplied with a Substance, Mixture or Article. These definitions never include consumers.



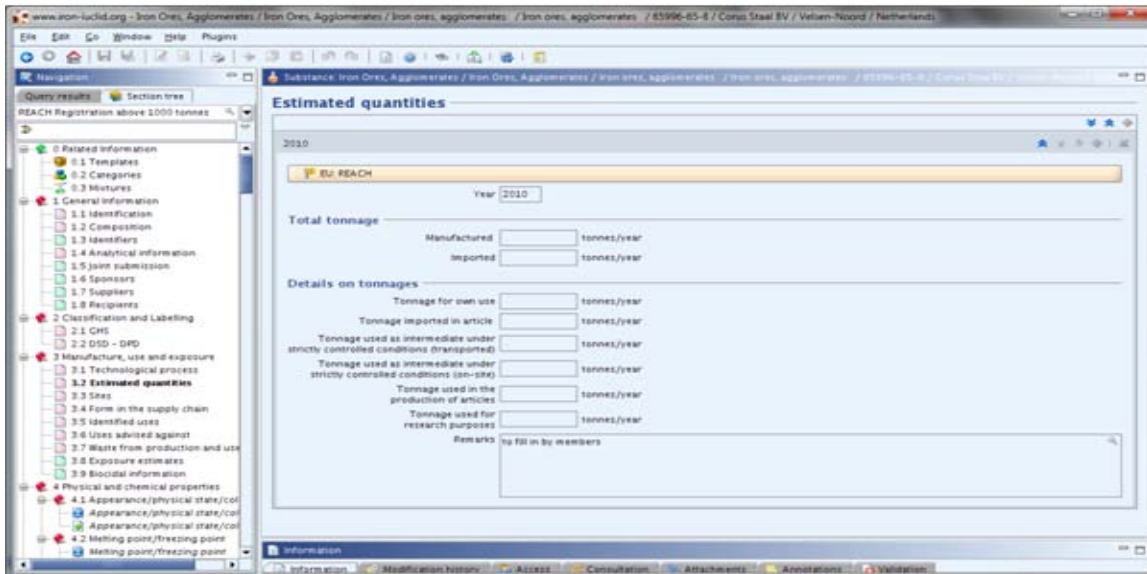
3.1 TECHNOLOGICAL PROCESS



| ITEM | TEXT TO BE ADDED | EXPLANATION |
|-----------------------------|---|--|
| Technological process flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Methods of manufacture | <p>Iron Ore Pellets are formed from the raw materials – fine ores and additives of < 0.05 mm - into up to 16 mm spheres using very high temperatures and this is mainly carried on at the site of the mine or its shipping port. In the EU 15 there is only one integrated steel works which includes a pelletisation plant (in the Netherlands). Sweden has four stand-alone pelletisation plants.</p> <p>The pelletisation process consists of grinding and drying or de-watering, balling and induration followed by screening and handling</p> <p>* Grinding and drying/de-watering At the Swedish plants, grinding is a wet process. In the Dutch plant grinding is carried out at relatively high temperatures (approx. 100°C). In the wet process additives (olivine, dolomite and/or</p> | <p>If you are an importer or Only Representative enter as the case may be “Importer/Only Representative - not relevant.”</p> <p>This is the text submitted by the Lead Registrant - we suggest that EU manufacturers copy it unless it does not cover the method of manufacture, in which case amend or re-draft as appropriate.</p> |

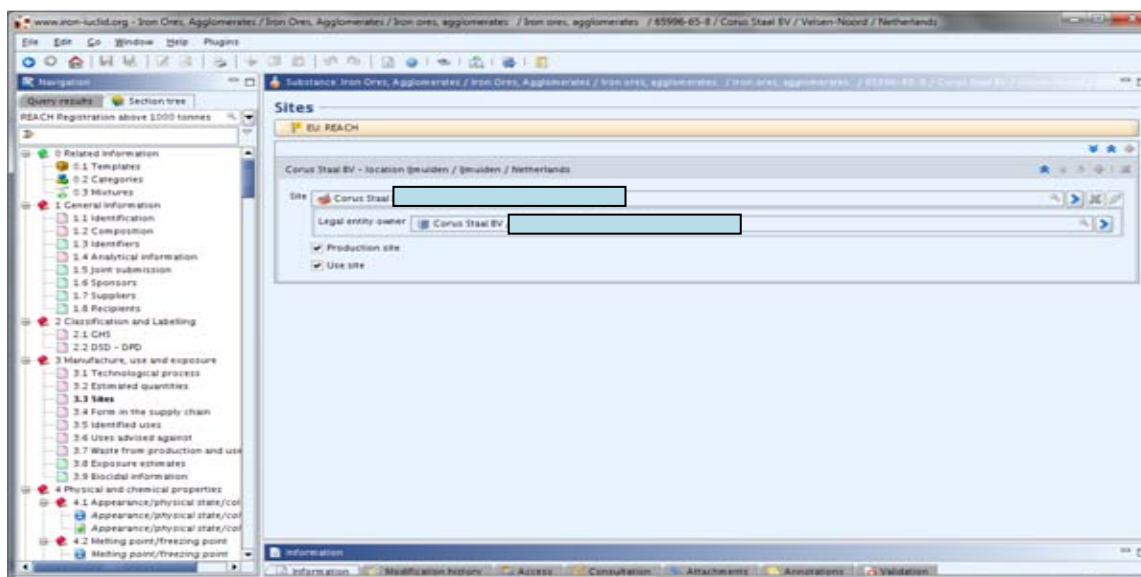
| | | |
|--|---|--|
| | <p>limestone depending on the end product) are ground and then added to the ore slurry, typically at a level of 3 to 3.5%, before de-watering. In the other process after hot grinding the material is re-wetted in paddle-type mixers and combined with additives. In both cases the moisture content is adjusted to 8–9%.</p> <p>* Green ball preparation De-watered or re-wetted pellet feed is mixed with additives and then processed in the (green)ball preparation plant. This is typically equipped with 4 to 6 balling circuits consisting of a feed bin, balling drum, roller screens and conveyors for circulating the materials. The balling drum is inclined 6 to 8° to the horizontal plane. To obtain a well defined green ball size, typically in the range 9 to 16 mm, under- and oversized fractions are screened off and recirculated.</p> <p>* Induration Induration, which means thermal treatment, consisting of drying, heating and cooling. It can be carried out in two different systems; in 'straight grate' or 'grate kiln' systems. During thermal treatment magnetite is almost completely oxidised to hematite. This contributes to the large amounts of heat needed to operate the process.</p> <p>* Handling & Screening At the end of the induration strand, the pellets are screened (in the Dutch plant). Undersize or broken pellets can be recycled (in the Dutch plant).</p> | |
|--|---|--|

3.2 ESTIMATED QUANTITIES



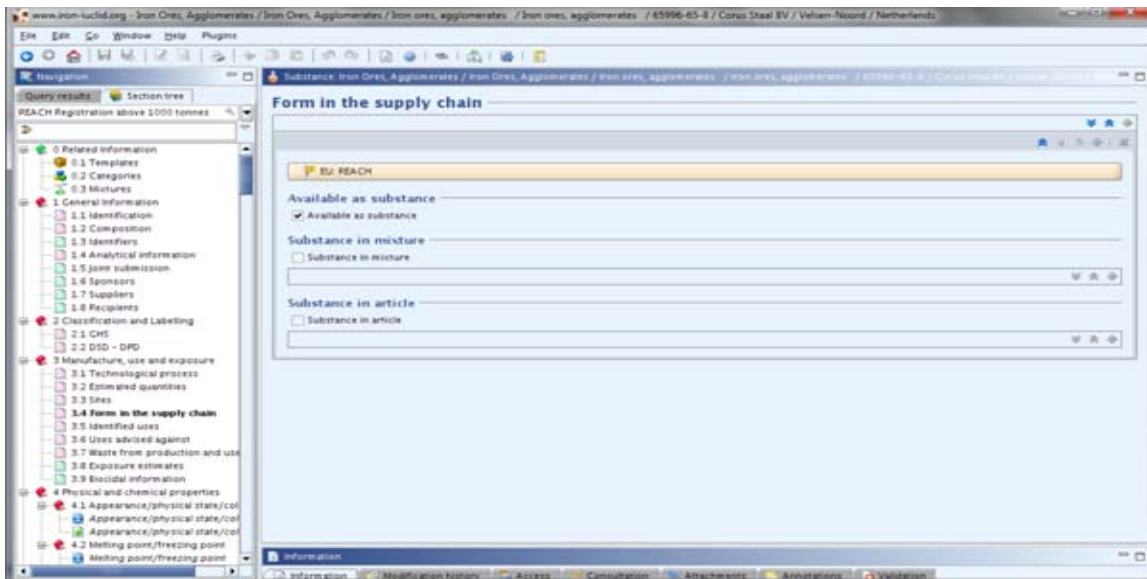
| ITEM | TEXT TO BE ADDED | EXPLANATION |
|----------------------------|------------------|--|
| Year | 2010 | |
| Estimated quantities flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Total tonnage | | Enter the estimated tonnage to be manufactured or imported in 2010. If you cannot estimate your tonnage for 2010, use the average of the three prior years, 2007/8/9, assuming that these were representative years. |
| Details on tonnages | | This would normally be left blank. If you feel the need to provide an explanation for the basis of your tonnage, include it here. |

3.3 SITES



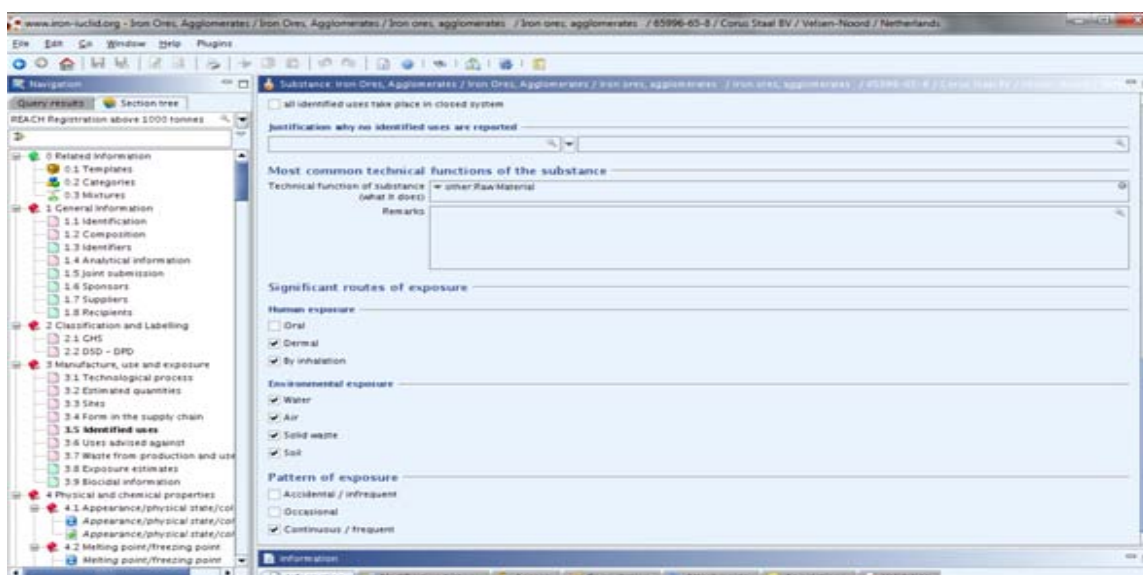
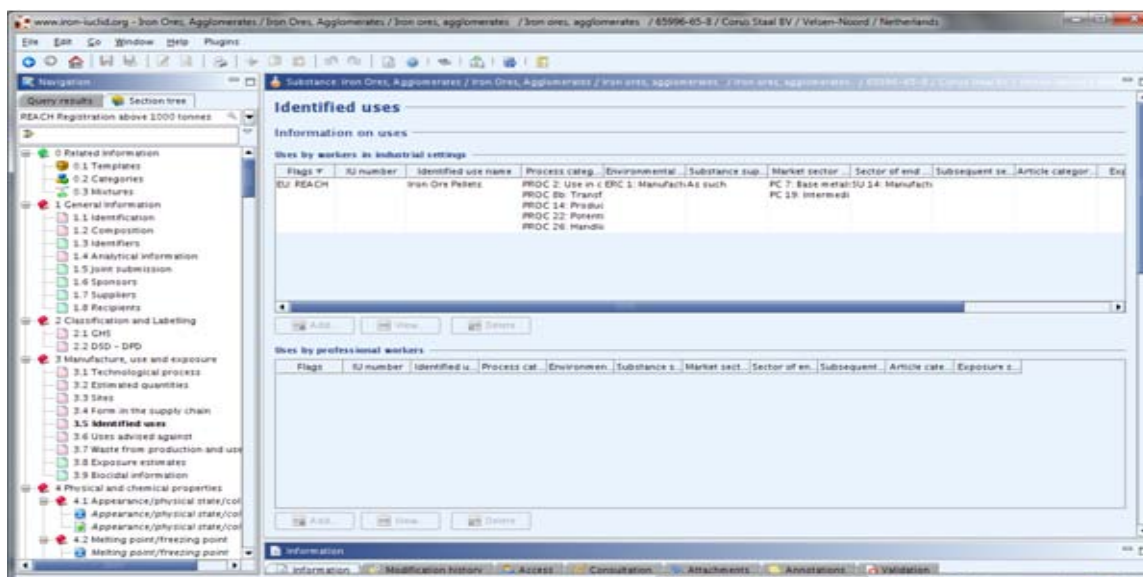
| ITEM | TEXT TO BE ADDED | EXPLANATION |
|------------------------|------------------|---|
| Site | | <p>Enter the name and location of your site[s]. The minimum contact address information is town/city and country, but ECHA recommends filling all address fields.</p> <p>An Only Representative or Importer can assign a site, but this is not mandatory.</p> <p>If “Manufacturer” is selected in section 1.1, at least one production site must be entered in section 3.3.</p> |
| Site flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Legal entity owner | | Assign the name of the legal entity which owns the site from the drop down list. |
| Type of site | | Tick the appropriate box. |

3.4 FORM IN THE SUPPLY CHAIN



| ITEM | TEXT TO BE ADDED | EXPLANATION |
|---------------------------------|------------------|---|
| Form flags | | Click on the flag if you want to assign confidentiality and programme restrictions. |
| confidentiality | | Leave blank or select the right level of confidentiality. If confidentiality is required, a justification has to be provided. |
| programme restrictions | | Select EU: REACH from pick list. |
| Available as a substance | | Tick this box |
| Substance in mixture | | Do not tick this box |
| Substance in article | | Do not tick this box |

3.5 IDENTIFIED USES

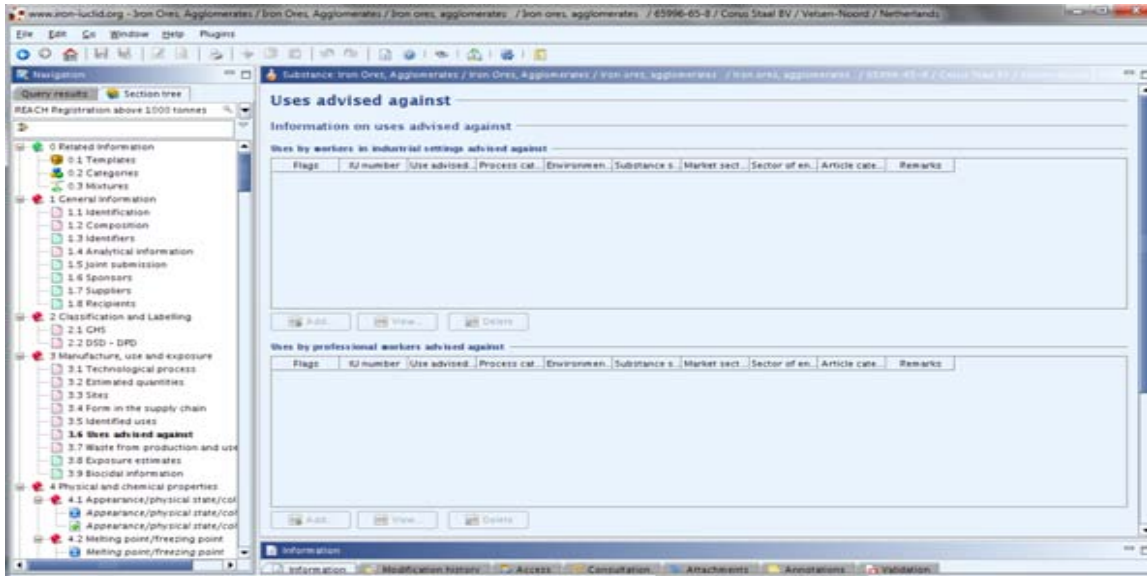


| ITEM | TEXT TO BE ADDED | EXPLANATION |
|--|------------------|--|
| Information on uses | Heading only | |
| Uses by workers in industrial settings | | <p>There is conflicting advice as to whether member registrants should select only certain uses or should select them all - the advice of the Iron Platform is to select them all so as not to have to modify the dossier in the future when a new use is entered into.</p> <p>The text in the fields below is what was entered by the Lead Registrant. If you wishes to specify only certain uses, create a block here by clicking on the "Add"</p> |

| | | |
|---|---|---|
| | | button and tick the relevant options. |
| IU number | | Leave blank |
| Identified use name | Iron ore pellets | |
| Process category | PROC 2: Use in closed, continuous process with occasional controlled exposure PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting PROC 26: Handling of solid inorganic substances at ambient temperature | Entered by the Lead Registrant. |
| Environmental release category | ERC 1: Manufacture of substances | Entered by the Lead Registrant. |
| Substance supplied to that use in form of | As such | Entered by the Lead Registrant. |
| Market sector by type of product | PC 7: Base metals and alloys PC 19: Intermediate | Entered by the Lead Registrant. |
| Sector of end use | SU 14: Manufacture of basic metals, including alloys | Entered by the Lead Registrant. |
| Substance service life relevant for that use? | No | Select "No" from drop down list. |
| Article category related to subsequent service life? | | Leave blank |
| Exposure scenario reference in the CSR | | Leave blank |
| Uses by professional workers | | This is not relevant in this case so do not create a block here and leave this section blank. |
| Uses by consumers | | This is not relevant in this case so do not create a block here and leave this section blank. |
| Closed system | | This box should be ticked when the substance is used in a closed system, such as the use of liquids in hydraulic systems, cooling liquids in refrigerators and lubricants in engines and dielectric fluids in electric transformers and oil in heat exchangers. |
| Justification why no identified uses are reported | | Leave blank. |
| Most common technical function of substance | Heading only | |
| Technical function | Other: raw material | |
| Remarks | | Leave blank |

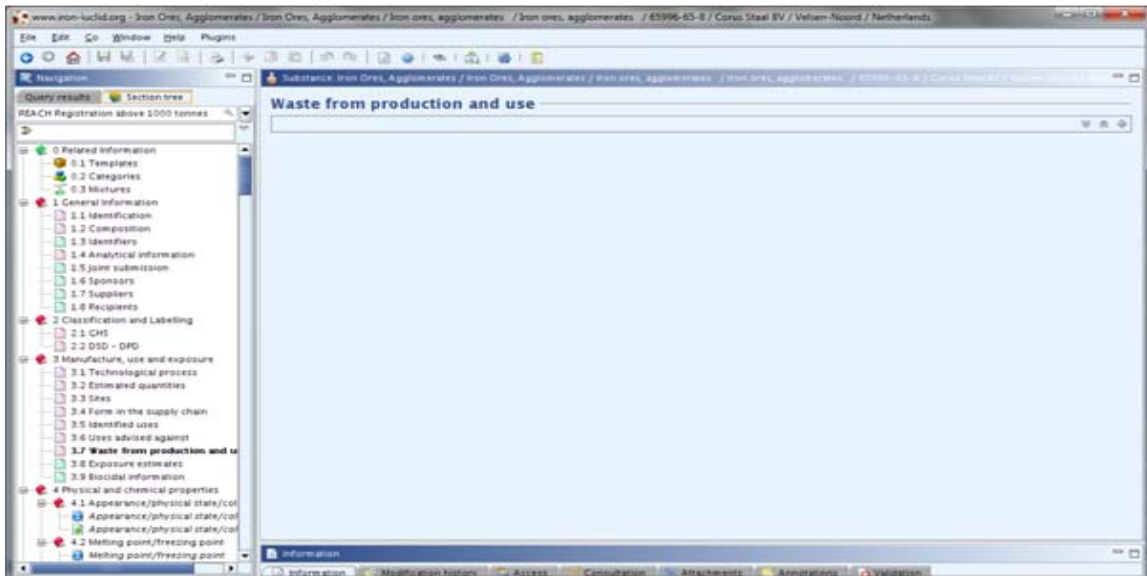
| ITEM | | |
|---------------------------------------|--------------|--|
| Significant routes of exposure | Heading only | Either include the same list as given by the Lead Registrant or make your own list as appropriate. |
| Human exposure | | The Lead Registrant has ticked the following boxes: <ul style="list-style-type: none"> • Dermal • By inhalation |
| Environmental exposure | | The Lead Registrant has ticked the following boxes: <ul style="list-style-type: none"> • Water • Air • soil |
| Pattern of exposure | | The Lead Registrant has ticked the following boxes: <ul style="list-style-type: none"> • continuous/frequent |

3.6 USES ADVISED AGAINST



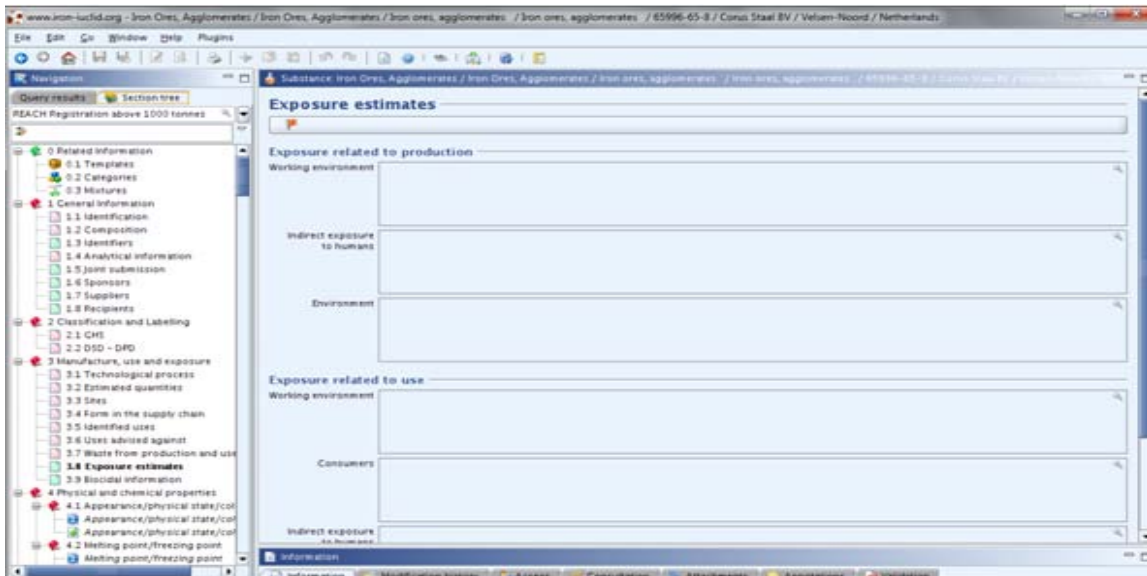
Do not create a block for section 3.6 - leave it blank as there are no uses advised against.

3.7 WASTE FROM PRODUCTION AND USE



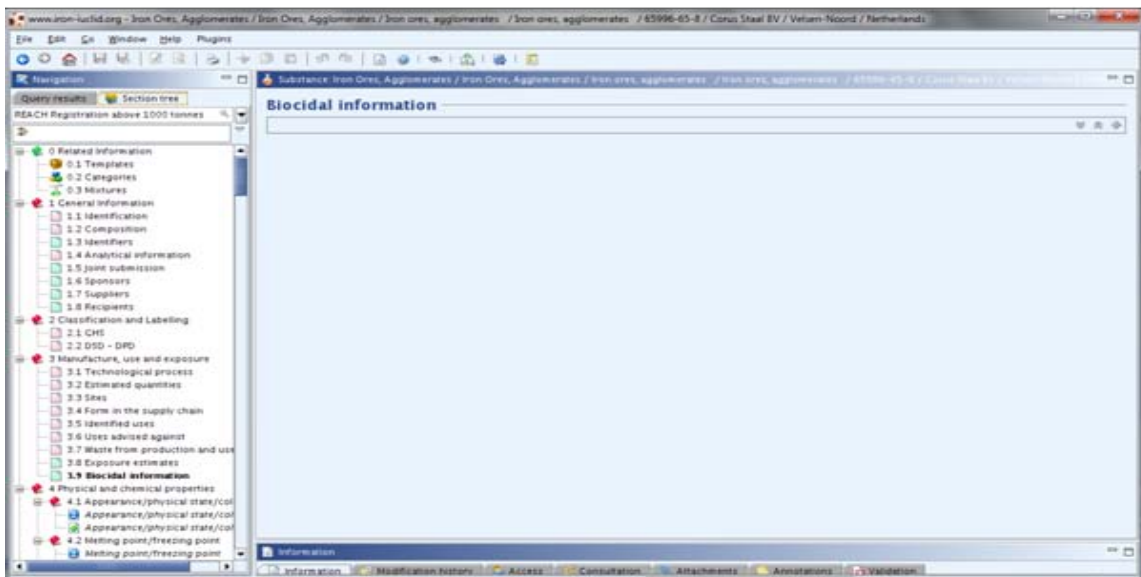
Section 3.7 should be left blank - do not create a block for it.

3.8 EXPOSURE ESTIMATES



Section 3.8 should be left blank as this substance has not been classified - do not create a block for it.

3.9 BIOCIDAL INFORMATION



Section 3.9 should be left blank as it is not relevant in this case - do not create a block for it.

Before submitting your dossier, do not forget to:

1. check your substance file with the TCC Tool plug-in:
 - ⇒ If TCC fails, create a new substance file
 - ⇒ If TCC passes, go to the next step
2. create a dossier by right clicking on your substance
3. check your dossier file
 - ⇒ If TCC fails, create a new dossier file
 - ⇒ If TCC passes, go to the next step
4. export your dossier file on your computer by right clicking on the dossier
5. open your account on ECHA REACH-IT
6. if the dossier file size is larger than 20MB => request a large file access code before submission on ECHA REACH-IT [it is normally immediate and you will receive the code in your REACH-IT message box]
7. follow the prompts to submit your dossier file [for more detailed information, please consult the [ECHA Guidance on submission](#)]

After submission:

1. check your message box in ECHA REACH-IT to follow progress of ECHA's 14 dossier examination steps via the submission report;
2. take the necessary actions, for example paying the registration fee.

Disclaimer: The Iron Platform and Iron Platform Services Ltd. do not make any representations or warranties in relation to the content of this guidance document. In particular, the Iron Platform and Iron Platform Services Ltd. do not make any representations or warranties regarding the accuracy, timeliness or completeness of its content. The Iron Platform and Iron Platform Services Ltd. will not be responsible for any loss or damage caused by relying on the content contained in this document.