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Introduction

The BASTA system is aimed at anyone who wants to make conscious material choices with the aim of phasing out substances of concern. This can be property owners, contractors, architects, building designers, private individuals and more.

The BASTA system contributes to achieving Sweden's national environmental goal "Toxic-free environment" as well as the UN's global goal "Sustainable consumption and production" by phasing out substances of concern from building- and construction products.

This tutorial describes how suppliers go about registering articles in the BASTA system.

Join and affiliate with the BASTA-system

1. View the criteria and the terms of condition for a registration

It is important to read the criteria documents and the cooperation agreement before you start registering articles.

2. Create a user account

To log in to BASTAOnline and to begin registering articles, you need to first create a user account. Enter under and click on "*Register articles*" on the website and then select "*Register an Account*". Then follow the instructions to register users.

3. Join a company or register a new company

When you have created a user account and logged in, you can connect to a company if the company is already registered in the BASTA system, then you select "*join a company*" and request to connect to that company, otherwise you select "*Register new company*".

If you are connecting to/joining an existing company, none of the steps below need to be completed.

Register a new company

When registering a new company, the following information must be completed:

- Type of supplier
 - **Importer:** When you import the product, but keep the trade name
 - **Name changer:** When you import/purchase the product and change the trade name to your own
 - **Manufacturer:** When you manufacture the article yourself

- **Retailer:** When you purchase products from other companies and sell them in your own shop or retail company
- Basic data about the company, such as the address and company registration number
- Confirmation that the organization meets the criteria regarding organization, competence and documentation specified in the criteria and cooperation agreement

Competence requirement for assessments

When a company registers articles in the BASTA system several different people may hold the competence to assess whether their articles meet a certain criteria level. One person may have good knowledge of what substances or raw materials are contained in the product, another person may know how it is manufactured and what additives may be present in the product, and a third person may know how to assess the environmental and health hazards posed by a substance and exposure to it.

This competence may exist internally or externally. You may perhaps know, as a supplier, what the article contains but find it difficult to assess the properties of constituent substances. Then external expertise may be needed. If external competence is brought in, ensure that the requirements placed on the external competence are compatible with the BASTA systems criteria and terms of qualification.

4. Sign an agreement with BASTAonline AB

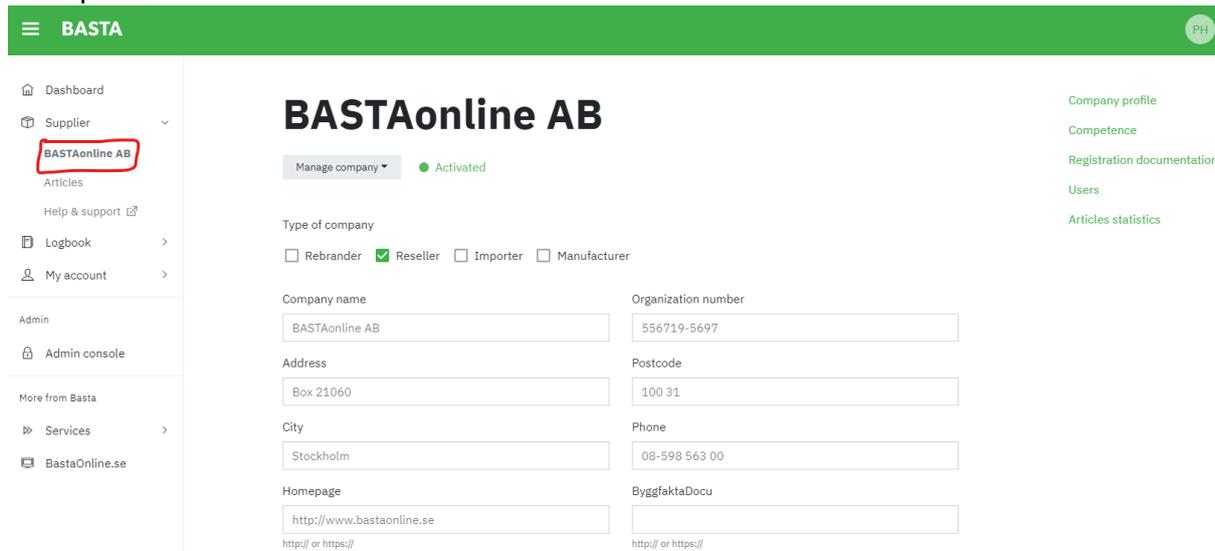
To activate a company and for a supplier to be able to register articles in the BASTA system database, the supplier must first sign and enter into an agreement with BASTAonline AB.

After you have registered your company on BASTAonline, BASTA will send out a cooperation agreement for digital signing to the specified person, the agreement is also signed by BASTA's CEO. When the cooperation agreement is signed, the supplier's account in BASTAonline is activated and after that the supplier can start registering articles. At the same time, the annual fee is invoiced. Please, notify BASTAonline if the invoice is to be sent to a different address than the one you have registered on BASTA's website.

Functions & actions on company level in BASTAonline

When a user has logged in to BASTAonline and is connected to a company, the user will find the company information under the "Supplier" section on BASTAonline.

Example:



The screenshot shows the BASTAonline AB company management interface. The page title is "BASTAonline AB" and it is marked as "Activated". The "Type of company" section shows "Reseller" selected. The form fields include:

- Company name: BASTAonline AB
- Organization number: 556719-5697
- Address: Box 21060
- Postcode: 100 31
- City: Stockholm
- Phone: 08-598 563 00
- Homepage: http://www.bastaonline.se
- ByggefaktaDocu: (empty)

On this page, users with the "Admin" authorization can change all information and invite new users by clicking on "Invite new user" and remove users from the company by clicking on the pen in the column "Change" and then "Delete user".

Update company information

It is important that the information provided about the company is kept current. When you have logged in you can change the information in the supplier section. If you have problems updating your information, contact BASTAonline and we will help you.

Article assessment

General information about the criteria

The BASTA's criteria are described in **the properties criteria** below. In order for an article to be registered within the BASTA system, it must meet the properties criteria for the criteria level that you want to achieve. There are three criteria levels in the BASTA system; BASTA, BETA and DECLARED.

There is also a product category called ELECTRONICS. In this product category the articles are registered based on a methodology where you during the registration will specify what percentage of the product's total weight meets a certain criteria level.

See the website for more information on all criteria levels, [click here](#). In order to achieve comparable and relevant criteria levels, BASTA's criteria are based on the European chemical legislation REACH and CLP, Regulation (EC) No. 1272/2008, as well as the Chemicals Inspectorate's PRIO guide. The BASTA system is based on the legislation as BASTA's criteria limits follow specified classification limits. However, the BASTA system goes further than the legislation: where the legislation sets the limit for classification, the BASTA system sets the limit for acceptable content. Where the legislation covers only chemical articles, the BASTA system covers both chemical articles and goods.

BASTA's criteria consist of two main parts: the properties criteria and the information requirements.

Properties criteria

The properties criteria set content limits for substances with specific substance properties (classifications). If a substance is present in concentrations above the content limit, the article cannot be registered.

Comparison of the properties' criteria levels BASTA, BETA and DECLARED

Depending on whether the article meets the criteria for the BASTA, BETA or DECLARED level, the respective level is selected. An article can only be registered under one of the criteria levels. Below is a comparison between the different criteria levels:

<i>Properties (substances)</i>		<i>Concentration Limit for BASTA level</i>	<i>Concentration Limit for BETA level</i>	<i>Concentration Limit for DECLARED level</i>
1. Carcinogenic	a)	Yes	Yes	No*
	b)	Yes	No*	No*
2. Mutagenic	a)	Yes	Yes	No*
	b)	Yes	No*	No*
3. Toxic to reproduction	a)	Yes	Yes	No*
	b)	Yes	No*	No*
4. Effect during lactation		Yes	Yes	No*
5. Endocrine disrupting		Yes	Yes	No*
6. Persistent, bio accumulative and toxic organic compound (PBT)		Yes	Yes	No*
7. Very persistent and very bio accumulative organic compound (vPvB)		Yes	Yes	No*
8. Lead (Pb)		Yes	Yes	No*
9. Mercury (Hg)		Yes	Yes	No*
10. Cadmium (Cd)		Yes	Yes	No*

11. Dangerous to the ozone layer and greenhouse gases	a)	Yes	Yes	No*
	b)	Yes	Yes	No*
12. Sensitising	a)	Yes	Yes	No*
	b)	Yes	Yes	No*
	c)	Yes	Yes	No*
	d)	Yes	No*	No*
13. Acute toxic		Yes	No*	No*
14. Specific target organ toxicity after single exposure	a)	Yes	No*	No*
	b)	Yes	No*	No*
	c)	Yes	No*	No*
15. Specific target organ toxicity after repeated exposure		Yes	No*	No*
16. Volatile organic compounds		Yes	No*	No*
17. Environmentally hazardous	a)	Yes	No*	No*
	b)	Yes	No*	No*
	c)	Yes	No*	No*

*** If the concentration level exceeds the BASTA level, this must be stated at registration**

When registering an article under the BETA and DECLARED criteria levels, you must state which of the criteria the article does not meet. One must also provide environmental and health risk information for the article.

Information requirements

There is an information requirement in the BASTA systems criteria (Table 2. Information requirements). If an article contains a substance with a content that is higher than the requirement level, the supplier must enter/show that in the article registration. This requirement is the same for BASTA, BETA and DECLARED.

The level of knowledge regarding the environmental, health and safety risks of chemical substances is constantly improving, and new findings are being added, which leads to the BASTA system's criteria being continuously changed or updated. A difference sometimes arises between the BASTA system's criteria and the other prevailing criteria for, for example, in the certification of buildings. When such changes occur, this means that the BASTA system needs to mark the articles to ensure that those searching for articles in the database receive the correct information.

In the BASTA systems database the articles/products that contain substances covered by the information requirement is therefore marked by a symbol. This can influence the product selection if the goal is a certain building certification.

Criteria changes

BASTAonline AB can update the criteria up to twice a year. BASTAonline AB is obliged to notify affiliated companies six months in advance regarding changes in the criteria and conditions that involve a tightening or changes which affect registered articles. Following

that the companies with registered articles will have six months to go through and revise their registered articles so that they meet the updated criteria.

However, any minor changes which means an easing of the criteria will be implemented immediately whence a change is announced. Current criteria are published on www.BASTAonline.se under "Documents". Changes in the criteria are also published on the website under "Notification of criteria changes".

Declaration of composition/content

To be able to make a correct assessment of the article content information, you must have a declaration of content where the chemical composition is stated. This applies to both chemical articles/products as well as constituent materials and components in complex articles.

To be able to make a correct assessment of the contents of your product, you must begin with a declaration of composition in which the chemical composition is evident. This applies to both chemical products and incorporated materials and components in complex articles

The information that should be included in a declaration of composition/content is:

- Incorporated/constituent chemical substances and/or raw materials
- CAS number or equivalent identification
- The Substance or materials percentage by weight of the material contained, or relevant part components, total weight
- The properties of the incorporated substances linked to the properties covered by the criteria

The percentage/proportion by weight for each substance must be stated in relation to the total weight of the product, or the relevant part of a components total weight (excluding packaging) as delivered to the building site or equivalent. This means, for example, that for a component with a painted surface you do not include any solvents contained in the paint in its liquid form before it dried.

For complex articles, for example a door, each incorporated part must be assessed separately as is defined in REACH Article 3.3 and Article 33. For example - In assessing a door this means that all incorporated components, for example the frame and the sealing strips, must be assessed separately. If the article is to be registered in BASTA or BETA, each component must meet the criteria separately.

If you cannot receive all the pertinent information regarding the chemical content of all sub-components which are incorporated in an article/product you can instead request a sub-supplier declaration from the sub-supplier. With regards to Chemical articles, when the full content is not shown in a safety data sheet or in other content information, a sub-supplier declaration should also be used.

BASTA's sub-supplier declaration can be replaced by the supplier's own documentation, provided that the content corresponds to the content found in BASTA's sub-supplier declaration.

For non-modified naturally occurring raw materials such as minerals, timber or other materials, whose chemical characteristics, and properties that you deem to be irrelevant for registration, you can omit the data concerning CAS number. However, during an audit you need to be able to clearly explain the basis for your conclusion that these substances have no relevance during registration.

Assessment of criteria fulfilment and documentation

It is the person who registers an article who certifies that the article meets the system's criteria. The registrant is obliged to have the correct documentation which demonstrates/shows that the complete substance content of the article meets all the parts of the criteria.

Most of the properties criteria refer to risk phrases in accordance with EU classification.

Therefore, make sure first that the incorporated substances are not classified in the EU. Information regarding this can be found i.e., in the classifications list, the list of substances with harmonized classification and labelling found in table 3.1 in Annex VI, part 3 in the Council Directive on classification, labelling and packaging of substances and mixtures (CLP) (Regulation (EC) No.1272/2008), or at <http://echa.europa.eu> under "Search for Chemicals". For more information on how to search on the ECHA website, see chapter "**Manual (cheat sheet) - Search for substances on the ECHA website**"

For properties criteria 5, Endocrine disrupting substances, the legislation has not yet completed the classification of chemical substances. Therefore, BASTA, in collaboration with the industry, has developed a methodology for those substances that are covered by the criteria. A list of subjects covered by the criteria is available at <https://www.bastaonline.se/dokument/>. The list is called "Substance list". The same document also contains the substances covered by the BASTA system's information requirements (Table 2 in the Properties criteria). The same document also contains the substances covered by the BASTA system's information requirements (Table 2 in the Properties criteria). If substances in this document are found in articles/products in concentrations from 0.1%, information about the substance name, CAS number and % - by weight (range) must be provided in connection with the article registration.

For substances that lack classification and where it cannot be ruled out that the substance has properties found in BASTA's criteria, an environmental, health and safety risk/hazard compilation/summation must be created and made available.

Assessment template

Companies that register articles within the BASTA system must draw up an assessment summation of how they determined that each constituent substance in an article meets all the criteria found in the Properties criteria document.

To help with this, BASTA has developed an assessment template that can be found on the website under "*Documents*". However, you can also use your own assessment if it covers all the criteria in a clear way. In the assessment summary, it is appropriate to make references to attachments/appendices that confirm any conclusions. For example, this can be a sub-supplier declaration for a constituent material or a safety data sheet for a constituent substance or raw material.

Please remember, that if you lack information about the constituent substances contained in the product or if supporting materials is missing thus leaving you without any other basis to determine whether a substance meet the properties criteria, the product may not be registered in the BASTA-system. This applies to both chemical articles/products as well as constituent materials and components in complex articles and goods.

Sub-supplier declaration

A safety data sheet is a prerequisite for all **chemical products** that are on the market. If you are basing your assessment and registration on a safety data sheet you may need to, in some cases, to amend/supplement this with additional information. The reason for this is that information on substances that are for example endocrine disruptors or certain metals (lead, mercury, cadmium) are not evident or always shown in the content declaration. If the information in the content declaration does not add up to 100% an amendment is needed. You can use BASTAs sub-supplier declaration to compile this supplementary information, The sub-supplier declaration is available on our website in both Swedish and English.

For **articles, material, and part components** where you cannot obtain the complete content information from your sub-supplier, you may request a declaration from your sub-supplier that the material or part component meet the properties criteria by signing a sub-supplier declaration or the equivalent.

For the sub-supplier to be able to sign the declaration, the sub-supplier needs to have full knowledge of the complete content information for the material or article. They also need an assessment document, which clearly demonstrates how they reached their conclusion that it meets the properties criteria and that the assessor have the competence in accordance with the BASTA requirements. You must also ensure that during a BASTA audit your sub-supplier will be able to answer any questions from the auditor.

Furthermore, provided it contains information that corresponds with the information in BASTA's own templates **an alternative documentation can be used**.

Supplementary and additional information

In BASTA's database there is also the possibility to provide information on circularity and renewability. It is not a requirement to do this, but the information provided is published on BASTA's website and are thus visible for organizations that download data from BASTA.

Circular material

The BASTA-system defines circular material as material that is circulated through reuse or recycling.

Definition

- **Definition of reused material:** Environmental Code, 1998:808
- **Reuse:** A non-waste product or component is used again to fulfil the same function for which it was originally intended. Law (2020:601)
- **Reused:** Equivalent within BASTA with the term reuse
- **Definition recycled:** ISO 14021:2017
- **Recycled material:** material from a product or component taken from the waste stream and returned to the production process. Intermediate steps such as collection, handling, purification and more may occur.
- **Recycled before the consumer stage:** The recycling step has taken place before the consumer stage, such as the collection and return of waste streams from production waste. Please note that the collection and re-introduction of residual material and waste that arises within the same production process shall not be included.
- **Recycled after the consumer stage:** The recycling step has taken place after the consumer stage, for example through collection/return after a product has been used by the consumer

Renewable material

Renewable is defined as materials or raw materials that origin from biobased sources that are recreated at least as fast as they are consumed.

Basta uses the definitions specified in the standard ISO 14021: 2017. Examples of renewable raw materials/materials: wood, starch, and cellulose. Basta does not consider water as a renewable raw material.

Register articles on BASTAonline

Articles can either be registered one by one or by importing a larger number via an Excel file. To import and register your articles in the system, BASTA's Excel import template must be used. You can download it under "Supplier" and then click on "Articles" when you have logged in to BASTAonline. The template provides more detailed instructions on how to specify information so that the import to work accordingly.

If your company has a contract with Finfo you can obtain their help in filling in all article data needed to register via the Excel file in the BASTA system. To complete the registration, you will need to add the basis on for your registration and detail how the products fulfil the BASTA-systems criteria requirements. Please contact info@finfo.se for further information.

Register an article

When you have logged into to BASTAonline and click on "Supplier" and then "Articles", you can register your articles. Select "Add new article" in the top right corner. After that a page will open where you can fill in all the necessary information, mandatory fields are marked.

Add new article



Article displayed online

By marking an article as display online it will be publicly accessible.

Article name * (Required field)

Article description * (Required field)

Article number * (Required field)

Max 18 characters.

GTIN

Between 13–14characters.

BK04 * (Required field)

Enter classification code or keyword to find correct code.

BSAB * (Required field)

Enter classification code or keyword to find correct code.

Brand

RSK

Link to product document

E-number

Description

eBVD ID

The following information can be registered:

- **Article visible online** - If you for some reason do not want to make the article publicly visible or publish the article, that box should be unchecked
- **Article name** (*mandatory information*) – The article trade name. If your article has different article sizes and/or dimensions, please use different *Article numbers* and *Article description* to distinguish between them.
- **Article description** - Here you can enter specific data that describes your article (Article specific data) e.g., colour, weight, or size etc. This field is also used to distinguish between articles with the same product name.
- **Article number** (*mandatory information*) – The article number for a specific article. If the same product exists in various versions (size, colour etc.) with different article numbers, each article must be registered separately. To improve article traceability any aggregation and/or merging of article numbers should be avoided if possible as it complicates traceability and the ability for users to find your articles.
- **GTIN code** – Here you have the option of entering the product's 14-digit GTIN code. If you have a GTIN code which contains fewer than 14 digits, precede the code with zeros. To improve traceability in the system, we recommend that the GTIN be entered if the information is available. (GTIN was formerly called EAN).
- **BK04 code** (*Product category, mandatory information*) – Used to classify and facilitate article searches. For BK04, select the appropriate product category structure for the article or product. BK04 is divided into three levels (Main Group, Subgroup and Product Category) and it is the product category level that must be registered. This is specified with 5 numbers in the system. If you do not find an exact match of product category for your article or product, the one that is closest to the area of use of the article or product is selected.
- **BSAB** (*Product category, mandatory information*) - Used to classify and facilitate article searches. For BSAB you can choose for yourself how far down the structure you want to register your article. For BSAB, there is also a guide published on BASTA's website under "*Documents*". When registering, it is recommended that you enter the description in the search field instead of the code. This as BSAB consists of a large number of lines and codes, which means that the hit list otherwise risks being very broad. The function is updated, and the respective product category is selected by filling in the code or part of the product category description. All available options will be displayed, and the correct product category can be selected.
- **Trademark** – If the article is marketed under a different trademark/brand than you own company name, you have the option of stating that here. If the product is marketed under your own company name, you can choose to leave this blank.

- **RSK** – Identification number, applies only to electronics and plumbing articles.
- **Link to product documentation** – These fields can be used to link to your own safety data sheets, building product declarations or other relevant documentation.
- **E-Number** - Identification number, applies only to electronics and plumbing articles.
- **Description** – Here it may be advantageous to add a brief description of your product as a complement to the article description.
- **eBVD ID** – Identification number within eBVD, enables BASTA and eBVD to be connected and be linked together.
- **Criteria levels (mandatory information)** – This is where you will choose the criteria level for the article – BASTA, BETA, DECLARED or ELECTRONICS. No specific information is requested for BASTA registration. For BETA, DECLARED and ELECTRONICS, additional/supplementary information is needed, this information is displayed when selecting these options/choices. More about the criteria levels can be found below.
- **Circular material** – Here you can enter information about the percentage/proportion of circulated materials.
- **Renewable materials** - Here you can enter information about the percentage/proportion of renewable materials.
- **Information requirement** – Here you enter information about substances covered by the information requirement.
- **Article type** – Here you enter if the article is a chemical article or goods.
- **Is the article checked against BASTA** – A checkbox to ensure that the article is assessed

Attach document to article

There is an option to upload and attach documents to an article. To do that, you need to go to "*Quick edit*" and then to "*Full edit*" (see more about this in the chapter "**Manage already registered articles**") then scroll down to the document section. There you can give the document a name, select the document type and then upload the document.

Registration: BETA

If the article is to be registered against the BETA level, one must enter/state which of the BASTA criterion that are not met. This is done by ticking the boxes of the criterion that are not met:

Deviations

The article can not be registered in the BASTA-register because it contains substances that do not meet the following property criteria in BASTA:

- Carcinogenicity category 2 (Criterion 1b)
- Germ cell mutagenicity category 2 (Criterion 2b)
- Toxic for reproduction, category 2 (Criterion 3b)
- Lead levels above 0.1% - exception covered by RoHS-directive
or
Lead content maximum 0.35% - exception for components included in moving parts where fatigue strength is required, eg espagnolettes. The total lead content must be less than 0.1% as a total in the complex article where the component is included (Criterion 8)
- Mercury, exemptions under the RoHS Directive (Criterion 9)
- Skin sensitisation (Criterion 12d)
- Acutely toxic (Criterion 13)
- Toxic by single exposure (Criterion 14)
- Toxic after repeated exposure (Criterion 15)
- Volatile organic compounds (Criterion 16)
- Environmental hazards (Criterion 17)
- The product meet the BASTA criteria but is part of a two-component system and is registered in the BETA because the other component does not meet the BASTA criteria.
- When built-in, the product is able to meet the BASTA criterion

BETA

↳ BASTA

-
- I have taken note of the guidelines for risk information and hereby confirm that we provide information on safety measures to minimize the risks in the handling of this article during the construction phase, during the operational phase and the future demolition / waste management.

To register on a BETA level, you must also certify that you have read the guidelines for environmental, health and safety information for BETA articles and thereby confirm that you provide information about protective measures (environmental, health and safety information). The environmental, health and safety information must provide the user with instructions on what the possible risks of the article are during the construction phase, during the user phase, as well as during demolition and waste management, and the protective measures prescribes by the supplier to manage them.

Whoever registers an article as BETA is responsible for the information being made available. The information must be made available upon request from BASTA or another relevant interested party by using the template available on BASTA's website or in another form of documentation, but it must always contain the relevant information found in the template.

However, for those articles/products that are required by REACH to have a safety data sheet, the BASTA system accepts that a SDS can be used instead.

For two-component articles/products to be registered in the BETA register, both components must be registered as BETA. If one of the components meets the BASTA criteria the following alternative shall be selected: "The product meets the BASTA criteria but is a part of a two-component system and is registered in BETA because the other component does not meet the BASTA criteria.

Registration: DECLARED

If the article does not meet the BASTA or BETA criterion, there is an option to register the article in the DECLARED register. For a registration in DECLARED, total knowledge of the chemical content of the article is required. Like BETA, the properties that result in the article not meeting the BASTA or BETA criteria shall be indicated. In connection with the registration of an article in the DECLARED register, a safety data sheet or a building article declaration must always be attached to the registration.

Registration: "BETA to BASTA" and "DECLARED to BASTA"

In the BASTA system, an article is always assessed in its delivery form, i.e., in the form in which it is delivered to the building- and/or construction site.

Many curing or drying chemical articles may, for their function and performance, contain risk reduction substances in their delivery form and are therefore registered as BETA or DECLARED. When the article is then installed/used and it cures/dries, the included substances will often change during the curing process, or alternatively evaporate in a drying process. The cured/dried article therefore often end up meeting the BASTA level.

Articles that meet these criteria can be registered as "BETA to BASTA" or "DECLARED to BASTA". This is done by registering the article as BETA or DECLARED and then below "deviations" tick the box "In the built-in stage the product meets the BASTA criteria".

In order to qualify its products for this group, the manufacturer must be able to demonstrate that the product undergoes a curing process/drying under the conditions that can be expected at a construction site and that the final chemical content is in compliance with the BASTA criteria.

Registration: ELECTRONICS

This product category is intended for articles containing electronics.

To be able to register products in the BASTA system, a full content must be available for each article contained in a complex article/object (cf. Article 33 of REACH).

As electronics often contains a high number of articles/components in combination with long supply chains, it is in many cases very complex to obtain content information at the level required for registration in the BASTA system.

As parts of the product have limited information about the content, the percentage/proportion of the product's total weight that meets Basta, Beta, Declared, RoHS and Unknown is stated. The product can be covered by deviation management in, for example, Miljöbyggnad, if parts of the content are specified as DECLARED (phasing-out substances) or RoHS / Unknown (unknown content).

Registration: Two-component articles/products

If you want to register a two-component product in the BASTA system, you will need to register both components in the same register. The component with the strictest classification determines where they should be registered – in the BASTA, BETA, DECLARED or ELEKTRONIK requirement level.

Both components are registered with the same article/product name with the addition of respectively, Comp A and Comp B.

If the articles are registered in BETA, DECLARED or ELECTRONICS, the reason for this must be stated in a similar way as for other BETA, DECLARED or ELECTRONICS articles. If any of the components individually meets the BASTA criteria, the following options are selected during registration:

“The product meets the BASTA criteria but is a part of a two-component system and is registered in BETA because the other component does not meet the BASTA criteria.”

Registration: Article or part component are already registered in the BASTA-system

If an article or subcomponent is already registered in the BASTA system, it is then sufficient for the person registering the article to refer to the registration of the article or subcomponent. Please note that it is still the responsibility of the person registering the article to check that the registration referred to is current and not lapsed. There must also be documentation showing that the articles/subcomponents are identical.

Manage and edit already registered articles

Once logged in to BASTAonline you will be able to edit your company's articles. Select the option “*Supplier*” and then select “*Articles*”. This will display a list of your company's available articles. Here you can search for specific articles, edit, copy, unpublish and delete articles.

The search field/engine has a filtering function, and the search field can be combined with a number of selected functions such as BSAB, BK04, Visibility and criteria level.

Articles

[Add new article](#)[Import articles](#)

Filter search

Product categories BSAB

BK04

Product requirement Basta Beta Declared Risk evaluated Electronics

Visibility Displayed online Not displayed online

[Filter](#)[Reset](#)

If you want to copy an article, click on the copy button (two boxes on top of each other). To edit an article, click on the pencil. To delete an article, click on the red cross/X (see image below).

0 Testartikel	Test	Test	BASTA	  
<small>BK04 01102 - Tegel BSAB-code DDC.22 Article not displayed online Updated: 2020-05-06 12:09</small>				

When you click on the pen to begin editing your articles, you will at first get to a quick edit view where only certain things can be edited. If you want to edit other fields, this is done by clicking on "Full edit" in the quick edit view.

Discontinued articles

When your products are discontinued from the product range, please denote this by adding "Discontinued" to "Article name". If possible, BASTA urges you to leave the articles in the system after entering "Discontinued" as this would improve the traceability of materials in buildings at, for example, renovations or demolition stages.

Uploading articles via Excel file

If you have many articles to be registered, you can choose to upload all data via an Excel import file. This is done via an Excel template that is available for download on the "Import articles" page, which is accessed from the Articles page in BASTAOnline (it is also available on BASTA's website under "Documents").

To import articles, you download the import file and then fill in the Excel file according to the instructions found in the file. You fill in all the information about your articles in the same way you would do when you register individual articles, but with the difference that you:

- **BK04** – Enter only the 5-digit code that you will find in a separate tab in the Excel import file
- **BSAB** – Enter only the BSAB code, the highest levels of BSAB are listed in a separate tab in the Excel import file

You will see instructions for what information that must be entered in each column when you place the cursor over the respective column header.

When all the information is entered into the Excel import file, select "*Upload file*" and locate the current file on your computer via the "*Browse*" button.

When the upload is complete, the BASTAOnline database informs you if the cell format is incorrect.

BASTA updates the Excel import file continuously, so always check that you are using the latest version.

This is what it looks like on BASTAonline.

[← Articles](#)

Import articles

For the system to be able to recognize your articles the Excel file must use a special template (see link below). The template contains detailed instructions for how the information should be entered to ensure a successful import.

[Download Excel template](#)

Note

- Importing will edit all existing articles and potentially updates them with new data.
- Any new articles will be added.
- **Beware!** For those articles that already exist in the database but do not exist in the import file:
 - a question will be asked whether to unpublish the articles or not.
 - unpublishing articles means they still exist in the BASTA system but will not be accessible via the public search.

Import file

 BastaImport_en.xlsx 

Do you want to unpublish items that are missing in the import file?
Unpublishing means that the articles are still registered in the BASTA system but will not be visible in the public search.

Upload

Formatting

It is important that you do not change the cell format in the Excel import file, it should be the "*Text*" format type. If the format type is changed, there is a risk that BASTAOnline

database will not be able to interpret the information in the file. When copying from other files, the present formatting can be changed. To avoid that this happens, you should use the function "*Paste Special*" and then select "*Text*" and not the shortcut command (Ctrl+V). If for some reason the formatting should still go wrong, go in and change it to "*Text*" by changing the "*Cell Format*" in the "*Format*" menu.

During import

- The import updates all existing articles and overwrites them with any new information
- Any new articles will be added
- PLEASE NOTE! For those articles registered in the database but not found in the file:
 - a question will be asked whether the articles should be unpublished or if it should stay published
 - an unpublishing means that the articles are still registered in the BASTA system but will not be available in the public search field.

Audits

In the BASTA system, it is the person (from each company) who registers the articles that is responsible for ensuring that the registered information about the articles is correct. BASTA online conducts audits to ensure the quality of the information registered in the system. The person who registers articles in the system is obliged to provide the necessary documentation and supporting files for the registered items. Some information may need to be requested from sub-suppliers or manufacturers.

If deviations are found, you are obliged to remedy these deviations within three months after they have been reported.

What will be reviewed during an audit?

Organisation and divisions of responsibilities

That there is a documented routine for the assessment of articles that includes a clear division of responsibility in the organization for the tasks that form the basis of the registration. On BASTA's website there is a template for what such a routine may look like (see routine for the BASTA process).

Competence

That a description is made available of how the organization met the requirement for competence on chemical substances and products within the organization and how this fulfils the requirements:

- Adequate knowledge of the subject matter of current articles/products/components
- Adequate knowledge of the BASTA system criteria
- Adequate knowledge of health and environmental assessment of chemical substances
- Adequate knowledge of REACH, the European regulatory system for chemical control
- Adequate knowledge of classification and labelling of chemical substances according to CLP

As a supplier, you should designate a person who is responsible for your assessments. It is important that this person is named, and that the person's competence can be verified.

This competence can consist of several people internally at your company, externally at your company's suppliers or with an externally hired Consultant or similar.

Declaration of content/composition

Companies need to document their assessment of the articles that they register and said assessment need to be made available. The documentation must contain:

- Constituent chemical substances and/or raw materials
- CAS-number or equivalent identification for constituent chemical substances
- The basis/grounds for assessment of substances for which CAS numbers does not need to be specified/given
- Sub-supplier declaration, or equivalent, for articles or parts of articles which you do not manufacture yourself
- Safety data sheet and any sub-supplier declaration, or equivalent, for chemical products you do not manufacture yourself

If parts of the content declaration are classified as confidential you must be able to present a consent as to this from BASTAonline AB.

Assessment template/document

An assessment documentation of how the assessment of the registered articles have been undertaken. The assessment documentation must thus contain:

- Complete content information (broken down by substance component per each article)

- An assessment documentation/summation of each substance checked against the properties criteria
- References to necessary attachments

On BASTAs webpage you will find a template showing how such an assessment template can be organised.

Environmental, health and safety information - BETA

The supplier is obliged to provide relevant environmental- health and safety information for the products registered in the BETA register. The supplier must also show how the information is kept publicly available.

Marketing and promotion of registered articles

That the communication and marketing of registered articles is carried out correctly.

Confidentiality during an audit

If you for specific reasons cannot reveal the chemical composition and associated CAS numbers on certain incorporated substances in a product, you may, in exceptional cases, request the right from BASTAonline AB to conceal the confidential information when you present a list of content during an audit. However, it must be possible for the auditor to determine that the declaration of composition relates to the product under review and that the list of content presented is complete.

Furthermore, to demonstrate to the auditor that the substances covered by the confidentiality agreement meet the properties criteria, you need to clearly and credibly present, all the incorporated substance classifications and other relevant details of the contained substances which indicates their health- and environmental properties.

The reason for this is to prove to the auditor that the article covered by the confidentiality meets the property criteria.

Marketing, promotion, and logotypes

Access to the Logotypes

To gain access to the BASTA systems logotypes for the Criteria Levels: BASTA, BETA, DECLARED and ELECTRONICS please contact BASTA on our company e-mail: bastaonline@ivl.se.

Information about how to use our logotypes

It is possible to use the BASTA systems logotypes for those who have articles with a valid registration in the BASTA system.

You can refer to your registration in the BASTA system in your articles/product documentation or in your digital media for articles. However, you need to have your articles/products registered in one of the system registers and the reference need to be directly adjacent to such an article/product. The following text shall be used:

" The article/product name" is registered in the BASTA-system and meets level XXXX.

You also have the right to use the logotypes within the BASTA system in direct connection with registered articles/products. However, it is not allowed to use the logotypes on the label or packaging of the article.

When the BASTA logotype or the text as shown above is used, an explanation with the following meaning of what a BASTA registration signifies should be placed at an appropriate location in the document or in the digital media:

"A registration in the BASTA system according to a specific level means that we can prove that the article/product meets the BASTA system's criteria for the current level. See www.bastaonline.se for information on the system's criteria and the current registration status of the article/product."

You are also entitled to use the logotype in official documents such as annual report or where you want to refer to your work with the BASTA system. The text can only refer to that the company is connected to the BASTA system. Generic formulations that mention the company's products, such as *" / Name of company / products are registered in the BASTA system"* must not occur.

You cannot claim that the product is environmentally adapted, environmentally friendly, or equivalent, as the BASTA system does not consider other environmental aspects such as service life, energy performance etc.

Read more about marketing on BASTAs webpage under *"Marketing."*

Manual – Search substances on ECHA:s webpage

1. Go to ECHA:s database: <https://echa.europa.eu/home> and <https://echa.europa.eu/sv/>
2. Search for the respective chemicals in the components in ECHA's database.

Search our data

I have read and I accept the legal notice

Search for chemicals / regulated substances

e.g. Formaldehyde, or 200-001-8 or 50-00-0, or 605-001-00-5

Search for chemicals

ADVANCED SEARCH >

3. Click on the substance that matches your search question.

Simple search for Chemicals

Search our data

I have read and I accept the legal notice

Search for chemicals / regulated substances

Alkanes, C10-13

Search for chemicals

ADVANCED SEARCH >

Search for articles (products) in SCIP database

Search SCIP database

Page 1 of 1 50 Items per Page Showing 16 results. First Previous Next Last

Name	EC / List no.	CAS no.	BP	OBL
<u>Alkanes, C10-13, chloro</u>	287-476-5	85535-84-8	BP	OBL
Alkanes, C10-13, chloro, dehydrochlorination products, distn. residues	288-212-1	85681-74-9		
Alkanes, C10-13, desulfurized	273-644-5	68991-51-5		

4. Then a "substance infocard" will open.
 - a. Substance identity: Here you can see "EG/List no." and "CAS-no"
 - b. Properties of concern: Here you can see if the substance is on various lists, such as the PBT list etc.
 - i. Check if the substance is an endocrine disruptor, is a substance of very high concern (SVHC substances), is a potentially persistent, bio accumulative and toxic organic compound (PBT) or a potentially very

persistent and highly bio accumulative organic compound (POP) or a highly fluorinated substance (PFAS),

- c. C&L inventory: If you click here, you can see the classification of the substance

Substance Identity
 EC / List no.: 287-476-5
 CAS no.: 85535-84-8
 Mol. formula: (CH)₈-11C₂H₄

Hazard classification & labelling
 Warning! According to the harmonised classification and labelling (ATP01) approved by the European Union, this substance is very toxic to aquatic life, is very toxic to aquatic life with long lasting effects and is suspected of causing cancer.

Properties of concern
 C Suspected to be Carcinogenic
 PBT Persistent, Bioaccumulative and Toxic
 POP Persistent Organic Pollutant

Key datasets
 Brief Profile REACH registered substance factsheets **C&L Inventory** Biocidal active substance factsheets PACT tool Regulatory Obligations

5. Click on C&L-inventory to see the classification of the substance.

Summary of Classification and Labelling

Harmonised classification - Annex VI of Regulation (EC) No 1272/2008 (CLP Regulation)

General Information

Index Number	EC / List no.	CAS Number	International Chemical Identification
602-080-00-8	287-476-5	85535-84-8	alkanes, C ₁₀₋₁₃ ; chloro chlorinated paraffins, C ₁₀₋₁₃

ATP Inserted / Updated: CLP00/ATP01
 CLP Classification (Table 3)

Classification		Labelling			Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)	Notes
Hazard Class and Category Code(s)	Hazard Statement Code(s)	Hazard Statement Code(s)	Supplementary Hazard Statement Code(s)	Pictograms, Signal Word Code(s)		
Carc. 2	H351	H351	EUH065	GHS08 GHS09 Wng		
Aquatic Acute 1	H400					
Aquatic Chronic 1	H410	H410				

Signal Words	Pictograms
Warning	 Health hazard Environment

6. Check the H-phrases against the BASTA systems criterion

a. Important: If the H-phrases are listed under the criterion "17. Environmentally hazardous" (H4XX), a summation of relevant H-phrases must be calculated according to the formula below and must be below 1 to be approved by BASTA

i. C = % by weight of the respective substance with given H-phrases

ii. L = limit for each substance with given H-phrases

1. 2,5% for H410

2. 25% for 411, 412 & 413 divided by the multiplication factor M

$$\left(\sum_{i=1}^M \frac{C_{i,H410}}{L_{i,H410}} + \sum_{j=1}^N \frac{C_{j,H411}}{L_{j,H411}} + \sum_{k=1}^O \frac{C_{k,H412}}{L_{k,H412}} + \sum_{l=1}^P \frac{C_{l,H413}}{L_{l,H413}} \right) \geq 1$$

Examples – Calculate substance content

How are the substance levels in a material calculated?

The concentration (C) of an unwanted substance (a) is calculated by dividing the weight of the content (Va) by the total weight of the component (Vk). If you then multiply by 100 you will get the content in % by weight.

Content of unwanted substance by weight- % = (Weight of unwanted substance / total weight of the component) * 100

The calculated concentration levels may not exceed the highest specified concentrations for the respective property criteria.

Please note that a substance may have more than one unwanted property.

Calculate/Assess whether an article meets the criteria

1. Content and classification of constituent substances according to the safety data sheet:

Substance	CAS-no	% by weight	Classification	Other information
n-Paraffin	93924-07-3	60 - 100%	H304	Boiling point range 175 - 260 °C
Linseed oil	8001-26-1	30 - 40%	Non-classified	
3-Iodine-2-propynyl butyl carbamate	55406-53-6	<0,5%	H302, H317, H318, H331, H372, H400, H410	M = 10
Sodium hydroxide	1310-73-2	<0,5%	H314	
1,2- Benzisothiazol-3(2H)-one	2634-33-5	0,03 - 0,04%	H302, H315, H318, H317, H400	M = 1 LC50 = 1,6 mg/l

2. Review of substances and properties:

- n-Paraffin
 - When classified as H304 it is covered by criteria 14c "Chemical products with properties according to the classification Aspiration toxicity in category 1 (H304)". Criteria 14c is a product criterion, i.e. if the total chemical product as such is classified as H304 the product will not pass the criteria nor will it qualify for registration.
- Linseed oil
 - Non-classified and can therefore be left out of the assessment
- 3-Iodine-2-propynyl butyl carbamate
 - When classified as H317 it is covered by criteria 12 "Sensitising" and dependent on H400 and H410 it is covered by criteria 17 "Hazardous to the environment". For criteria 12 the concentration limit 1% applies. The product contains <0.5% which means that the substance content is OK.
 - A calculation/summation is needed for criteria 17. 17a for H400, 17b for H410.
 - Other H-phrases are not covered by BASTA or BETA criteria.

1. Sodium hydroxide

- H314 are not covered by the criteria.
- 1,2- Benzisothiazol-3(2H)-one
 - When classified as H317 it is covered by criteria 12 "Sensitising" and dependent on H400 it is covered by criteria 17 "Hazardous to the environment". For criteria 12 the concentration limit is 1%, but in the case of 1,2-Benzisothiazol-3(2H)-one it has a specific concentration limit of 0,05% which shall be used. The product contains <0.05% which means that the substance content is OK.
 - H400 is covered by Criterion 17 "Hazardous to the environment" But this requires summation. 17a for H400
 - Other H-phrases are not covered by the properties criteria in the BASTA system.

3. A calculation of criteria 17 "Hazardous to the environment"

This needs to be done for 3-Iodine-2-propynyl butyl carbamate and 1,2-Benzisothiazol-3(2H)-one.

According to the rules of calculation/summation, the amount of the substance by weight (C) should be divided by the substance lower classification limit (Li). The sum shall be <1 to pass the criteria.

$$\frac{Ci}{Li}(\text{Substance A}) + \frac{Ci}{Li}(\text{Substance B}) < 1$$

Rules:

- For substances with M=1 is Li = 25%
- For substances with M=10 is Li = 2,5%

Information:

- 3-Iodine-2-propynyl butyl carbamate: M=10, Li=2,5, Ci=0,5
- 1,2-Benzisothiazol-3(2H)-one: M=1, Li=25, Ci=0,04

Calculation of 17a for substances with H400:

$$\frac{0,5}{2,5} + \frac{0,04}{25} < 0,2016$$

Result

0,2016 is less than 1, which is the requirement. This means that the article meets criterion 17a.

Calculation of 17b for substances with H410

$$\frac{0,5}{2,5} < 0,2$$

Result

0,2 are less than 1, which is the requirement. This means that the article meets criterion 17b.

4. Summarised assessment:

The Product contains Sensitising substances (criteria 12) at levels below the concentration limits set in the BASTA criteria, including the specific concentration limit.

The product contains Aspiration toxicants (criteria 14c). Criteria 14c is not a substance criterion but a chemical product criterion, i.e., if the chemical product as such is classified as H304 the product will not pass the criteria nor will it qualify for registration.

The product contains Environmentally hazardous substances (17a and 17b) at levels below the concentration limits set in the BASTA criteria.

Conclusion:

The articles meet/pass criterion 12, 17a och 17b.

The following applies to criteria 14c:

- If the chemical product, in its entirety, is not classified as H304 the product will meet/pass the BASTA criteria and it will qualify for registration in the BASTA system.
- If the chemical product, in its entirety, is classified as H304 the product can instead be registered in the BETA system.

More information

More information about calculation is available on BASTA's website, here are calculation examples that can be used to calculate the contents of substances included in paint and the total amount of the substances in the product, see "[Calculation example](#)" under "Register articles". Under the "Documents" page on the website, you can also find more information about the aggregation rules.