



FOOD STANDARDS
Australia • New Zealand
Te Mana Kounga Kai – Ahitereiria me Aotearoa

FSANZ Branded Food Database Portal User Guide

Version 1
November 2022

Disclaimer

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You should also note that:

- There is no moderation of data fields in the *FSANZ Branded Food Database Portal*. The system will not check decimal places or significant figures and will allow numbers outside the realms of physical possibility. All data entered is the responsibility of the Brand Owner and should be checked for accuracy before it is submitted.
- The examples shown in this Guide do not represent real products and should not be used to inform or instruct the population of any data attributes.

Support

Any questions relating to the Australian Branded Food Database itself should be directed to the FSANZ Branded Food Database Team.

- Email: brandedfooddatabase@foodstandards.gov.au

If you have questions about the FSANZ Branded Food Database Portal and/or require further assistance with its use, please contact GS1 Australia via phone or email.

- Phone: 1300 227 263
- Email: fs.anz@gs1au.org

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Background

FSANZ has developed the Australian Branded Food Database to provide a centralised, trusted and comprehensive source of brand-specific information for food products sold in Australia to:

- a) inform FSANZ's standards development work; and
- b) support the development and monitoring of Australian Government public health policy and nutrition initiatives.

The purpose of this Guide is to assist food and beverage brand owners who are contributing data to the Australian Branded Food Database, with the use of the web based *FSANZ Branded Food Database Portal* (the FSANZ Portal). This Guide outlines the process for entering and submitting branded product data to FSANZ via the FSANZ Portal.

Submitting your product data to FSANZ – Overview

The FSANZ Portal provides a simple mechanism for submitting your product(s) data to FSANZ. This Guide explains how to log in to the FSANZ Portal, add data for your product(s) and submit your product(s) to FSANZ.

The following information is either required, or can be provided for each product you contribute to the Australian Branded Food Database.

Data Attribute Name	Requirement	Additional information
Trade Item Description	Derived Value	Manual entry not required - Field is derived from other data
Brand Name	Mandatory	Required for all products
Type of Product	Mandatory	Required for all products
Variant Description	Mandatory	Required for all products
Net Content	Mandatory	Required for all products
Net Content UOM	Mandatory	Required for all products
GTIN	Mandatory	Required for all products
Start Availability Date	Mandatory	Required for all products
End Availability Date	Optional	Required when product is removed from market
Brand Owner Name	Mandatory	Required for all products
Brand Owner Address	Optional	Provided at discretion of brand owner
Country of Origin	Optional	Provided at discretion of brand owner
GPC (Brick) Category	Mandatory	Required for all products
Health Star Rating Category	Mandatory	Required for all products
Does Product Label have a Health Star Rating	Mandatory	Required for all products
Health Star Rating	Conditionally Mandatory	Required if product has a Health Star Rating
Servings per Pack	Conditionally Mandatory	Required if product has a Nutrition Information Panel (NIP)
Serving Size	Conditionally Mandatory	Required if product has a NIP
Serving Size UOM	Conditionally Mandatory	Required if product has a NIP

Data Attribute Name	Requirement	Additional information
Form of Food	Conditionally Mandatory	Required if product has a NIP
Energy (kJ)	Conditionally Mandatory	Required if product has a NIP
Protein (g)	Conditionally Mandatory	Required if product has a NIP
Fat-Total (g)	Conditionally Mandatory	Required if product has a NIP
Fat-Saturated (g)	Conditionally Mandatory	Required if product has a NIP
Carbohydrate (g)	Conditionally Mandatory	Required if product has a NIP
Sugars - Total (g)	Conditionally Mandatory	Required if product has a NIP
Dietary Fibre - Total (g)	Conditionally Mandatory	Required if product has a NIP
Sodium (mg)	Conditionally Mandatory	Required if product has a NIP
Added Sugar (g)	Optional	Provided at discretion of brand owner
Additional Nutrients	Optional	Provided at discretion of brand owner
Percentage Fruits, Vegetables, Nuts & Legumes	Conditionally Mandatory	Not required for liquor products
Percentage Concentrated Fruits & Vegetables	Conditionally Mandatory	Not required for liquor products
Percentage Whole Grain	Optional	Provided at discretion of brand owner
Allergen Statement	Optional	Provided at discretion of brand owner
Labelling Claims	Optional	Provided at discretion of brand owner
Ingredient Statement	Mandatory	Required for all products
Percentage Alcohol by Volume	Optional	Provided at discretion of brand owner
Number of Standard Drinks	Optional	Provided at discretion of brand owner

Login to the FSANZ Portal

You can navigate to the FSANZ Portal via:

- the FSANZ Portal link found on the Australian Branded Food Database webpage on the FSANZ website - foodstandards.gov.au, or
- by entering the following web address into your web browser search bar - npcx.gs1au.org/fsanz



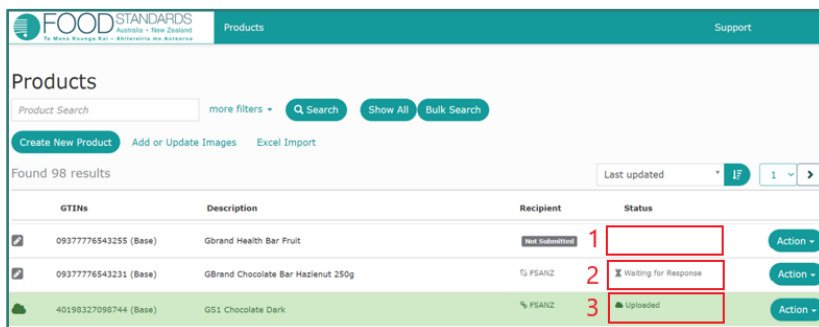
Once you have navigated to the FSANZ Portal you will find yourself on the **Welcome** screen where you can log in using the credentials - Email and Password - issued to you at sign up.

Enter your credentials (1), read and accept the Terms and Conditions (2) and click **Log in** (3).

*N.B. If you need to reset your password, you can initiate the creation of a new password via the 'Forgotten password' hyperlink next to the **Log in** button on the **Welcome** screen.*

Special characters '<' and '>' are not compatible with the password format and should not be used.

Products list

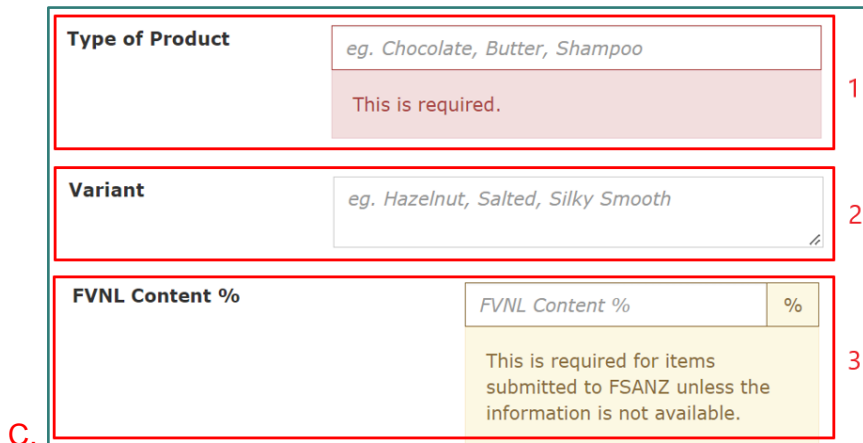
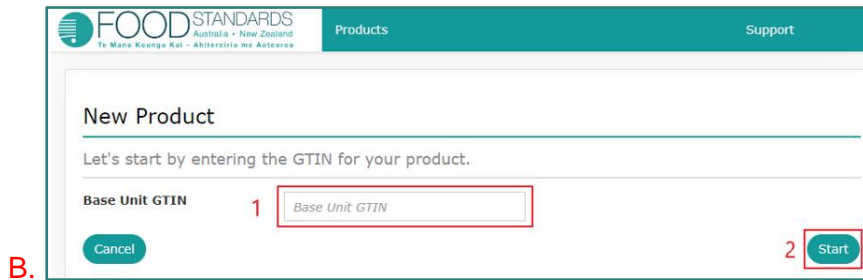
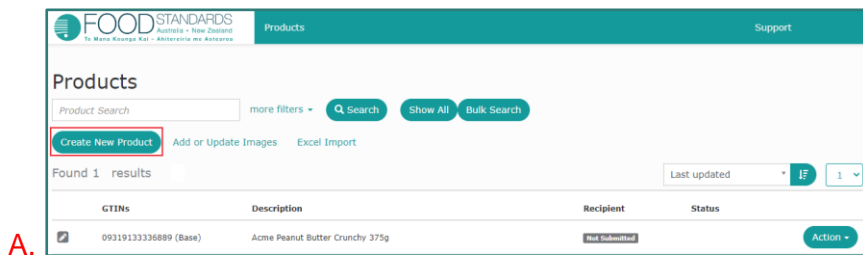


Once successfully logged into the FSANZ Portal you will land on the **Products** screen. This screen lists all products that have already been entered into the FSANZ Portal; and allows you to create new product entries and update existing product entries.

Products:

- not yet complete and/or submitted to FSANZ will have NULL status (1)
- submitted to but not yet received will have a status of "Waiting for Response" (2)
- successfully submitted will have a status of "Uploaded" (3).

Creating New Product(s) – via online User Interface



Click on **Create New Product** on the **Products** screen (A).

Enter the GTIN (B1) (Global Trade Item Number i.e. barcode number) and click **Start** (B2).

Once a product record has been created, details need to be entered against each of four separate screens: Product Details; Packaging Materials; Ingredients & Diet; and Nutrition. Each screen will contain both mandatory and optional data fields (C) which are flagged as follows throughout this guide:

- Mandatory fields (C1) are flagged as '(M)' throughout this guide.
- Optional fields (C2) are flagged as '(O)' throughout this guide.
- Conditionally mandatory fields (C3) are flagged as (M*) throughout this guide. In most cases the requirement to provide conditionally mandatory data will depend on your product type, e.g. if product type requires you to display a nutrition information panel you will be required to provide nutrition information.

Product Details

Product Details | Acme Peanut Butter Crunchy 375g

GTIN: 09319133336889

Core Information

Base Unit GTIN	09319133336889 (Base)
Brand Name	<input type="text" value="Acme"/>
Type of Product	<input type="text" value="Peanut Butter"/>
Variant	<input type="text" value="Crunchy"/>
Net Content	<input type="text" value="1"/> x <input type="text" value="375"/> <input type="text" value="g"/>
Trade Item Description	<input type="text" value="Acme Peanut Butter Crunchy 375g"/>
Category (GPC)	<input type="text" value="10000236 Nuts/Seeds - Pre..."/> Lookup What is GPC?
Brand Owner Name	<input type="text" value="Acme & Co"/> <input type="text" value="45 Main Road, South Coast City, 3998, Australia"/>
Country of Origin	<input type="text" value="Australia"/>

Dates

Start Availability Date	<input type="text" value="01/10/2022"/>
End Availability Date	<input type="text" value="dd/mm/yyyy"/>

[Return to Products Page](#) [Next](#)

On the **Product Details** enter the following information:

- Brand Name (M), e.g. *Acme*
- Type of Product (M), e.g. *Peanut Butter*
- Variant (O), e.g. *Crunchy*
- Net Content (M), e.g. *375 g*
- Category (GPC) (M), e.g. *10000236-Nuts/Seeds – Prepared/Processed (Out of Shell)*
- Brand Owner Name (M), e.g. *Acme & Co*
- Brand Owner Address (O), e.g. *5 Main Road, South Coast City, 3998, Australia*
- Start Availability Date (M)
- End Availability Date (O)

Enter data for all mandatory, and relevant optional, data fields and click **Next** (2) to save.

*N.B. The **Category (GPC)** field is derived from the Global Product Classification (GPC) list. The GPC classifies products by grouping them into categories based on their essential properties as well as their relationships to other products. A **Category (GPC)** look up is available if you do not know the applicable GPC code or descriptor. To search for a relevant **Category (GPC)**, click on the 'Lookup' (1) hyperlink. You will be directed to the GS1 GPC Lookup where you can search for the relevant descriptor by entering a term that best describes the product, e.g. for the above product type 'peanut'.*

Trade Item Description will be auto-populated based on information you provide. The system prohibits manual entry of information for this field.

Packaging Markings

Packaging Markings | Acme Peanut Butter Crunchy 375g
GTIN: 09319133336889

Health Star Rating

Health Star Rating Category

For more information on the HSR categories, please refer to the Health Star Rating system Calculator and Style Guide

Category 1	Non-dairy beverages, Jellies and water-based ice confections (excluding Category 1D beverages)
Category 1D	Milk (defined in Standard 2.5.1 of the Code) and dairy beverages (including dairy alternative beverages) that meet specified dairy criteria
Category 2	All foods (other than those included in Category 1, 1D, 2D, 3 or 3D)
Category 2D	Dairy foods (other than those included in Category 1D or 3D) with ≥75% dairy or permitted dairy alternative content.
Category 3	Oils and spreads (including edible oil, edible oil spreads, margarine and butter)
Category 3D	Cheese (including surface ripened cheese) and processed cheese as defined in Standard 2.5.4 of the Code (with calcium content >320 mg/100 g).
Not Permitted	Health Star Rating not permitted

Does Product Label have a Health Star Rating? Yes No

Health Star Rating
 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5

Packaging Markings

Labelling Claims

Source of protein, vitamin B3 and magnesium; Rich in good fats (monounsaturated); No artificial colours, flavours or preservatives

Return to Products Page

On the **Packaging Markings** screen enter the following information:

- Health Star Rating Category (M)
- whether your product label has a Health Star Rating (M)
- (if your product label has a Health Star Rating) the numerical Health Star Rating (M*)
- Labelling Claims (O), e.g. *Source of protein*.

Enter data for all mandatory, and relevant optional, data fields and click **Next** to save.

N.B. The Health Star Rating categorisation system is being applied to all products within the Branded Food Database. You must select the relevant category for your product regardless of whether the product label has a Health Star Rating. For more information on Health Star Rating Categories refer to Appendix 1.

Displaying a Health Star Rating on shelf ready boxes, shelf tickets and/or brand and retail websites does not constitute the display of a Health Star Rating. If you do not display a Health Star Rating on a physical consumer unit label, you should select 'No' when asked 'Does Product Label have a Health Star Rating?'.

Ingredients & Diet

Ingredients & Diet | Acme Peanut Butter Crunchy 375g
GTIN: 09319133336889

Ingredient Statement

Roasted Peanuts (86%), Vegetable Oil, Sugar, Salt.

Content

FVNL Content % %

Concentrated Fruits & Vegetables Content % %

Wholegrain Content % %

Allergen Statement

Contains Peanuts

Alcohol

Alcohol by Volume (%) %

[Return to Products Page](#) [← Previous](#) [Next →](#)

On the **Ingredients & Diet** screen enter the following information:

- Ingredient statement (M), e.g. *Roasted Peanuts (86%), Vegetable Oil, Sugar, Salt.*
- FVNL Content % (M*), e.g. *86%*
- Concentrated Fruits & Vegetables Content % (M*), e.g. *0%*
- Wholegrain Content (O), e.g. *0%*,
- Allergen Statement (O), e.g. *Contains Peanuts*, and
- Alcohol by Volume (%) (O), e.g. *0%* should be entered if applicable.

Enter data for all mandatory, and relevant optional, data fields and click **Next** to save.

N.B. For information on how to determine FVNL Content and Concentrated Fruits & Vegetables Content refer to Appendix 2.

Concentrated Fruits and Vegetables Content should not be included as a component of FVNL Content – refer Appendix 2 for further detail.

Nutrition

Nutrition | Acme Peanut Butter Crunchy 375g
GTIN: 09319133336889

Nutritional Information Panel

Servings Per Pack **Serving Size** g

Form of Food As Sold Rehydrated with water Diluted with water Drained of water or brine

	Per 100 g	Not Detected
Energy (kJ)	<input type="text" value="2600"/> <input type="text" value="kJ"/>	<input type="checkbox"/>
Protein	<input type="text" value="23.8"/> <input type="text" value="g"/>	<input type="checkbox"/>
Fat - Total	<input type="text" value="51.4"/> <input type="text" value="g"/>	<input type="checkbox"/>
Fat - Saturated	<input type="text" value="13.3"/> <input type="text" value="g"/>	<input type="checkbox"/>
Carbohydrate	<input type="text" value="13.3"/> <input type="text" value="g"/>	<input type="checkbox"/>
Sugars - Total	<input type="text" value="7.9"/> <input type="text" value="g"/>	<input type="checkbox"/>
Sodium	<input type="text" value="550"/> <input type="text" value="mg"/>	<input type="checkbox"/>
Dietary Fibre - Total	<input type="text" value="9.1"/> <input type="text" value="g"/>	<input type="checkbox"/>
Added Sugar	<input type="text" value="3"/> <input type="text" value="g"/>	<input type="checkbox"/>

1

All values are Approximate
Type < before the value to indicate **less than**

2

Nutrition information should be provided if your product is required by the Australia New Zealand Food Standards Code to carry a Nutrition Information Panel (NIP).

If your product is exempt from carrying a NIP, do not enter any data on this screen. Please click Next and proceed to the **Images** screen.

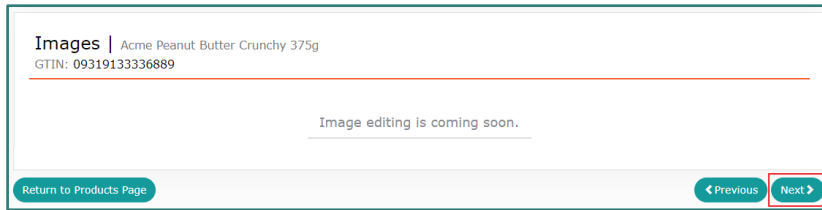
If your product is required to carry a NIP, on the **Nutrition** screen enter the following information:

- Servings Per Pack (M*), e.g. 17
- Serving Size (including measure) (M*), e.g. 22 grams
- Form of Food (M*), e.g. As sold
- Energy (kJ) (M*), e.g. 2600
- Protein (g) (M*), e.g. 23.8
- Fat – Total (g) (M*), e.g. 51.4
- Fat – Saturated (g) (M*), e.g. 13.3
- Carbohydrate (g) (M*), e.g. 13.3
- Sugars – Total (g) (M*), e.g. 7.9
- Sodium (mg) (M*), e.g. 550
- Dietary Fibre – Total (g) (M*), e.g. 9.1
- Added Sugar (g) (O), e.g. 3

Additional nutrients listed in the NIP on the label should be added using the + Add (1) button.

Enter data for all mandatory, and relevant optional, data fields and click Next (2) to save.

Images



The functionality to upload product images via the FSANZ Portal is still being developed.

Click **Next** to proceed to the submission screen.

Submit Product Data to FSANZ

A.

The screenshot shows a progress bar at the top with three steps: 'On-Pack', 'Images', and 'Submit'. The 'Submit' step is active. A red banner at the top contains the message: 'There are 10 Errors and 3 Warnings in your data. Please review these before you submit.' Below the banner are 'Return to Products Page' and 'Back' buttons. The main section is titled 'Product Details' and contains a 'Core Information' table. The table has the following fields and values:

Field	Value
Base Unit GTIN	
Brand Name	This is required.
Type of Product	This is required.
Variant	
Net Content	1 x This is required. Unit of measure is required.

B.

The screenshot shows the same progress bar as in (A). A green banner at the top contains the message: 'Your product data has been validated. Please review and click Submit.' Below the banner are 'Return to Products Page', 'Back', and 'Submit' buttons. The main section is titled 'Product Details' and contains a 'Core Information' table. The table has the following fields and values:

Field	Value
Base Unit GTIN	09319133336889
Brand Name	Acme
Type of Product	Peanut Butter
Variant	Crunchy
Net Content	1 x 375 g
Trade Item Description	Acme Peanut Butter Crunchy 375g
Category (GPC)	10000617 Sauces/Spreads/Dips/Condiments Variety Packs
Brand Owner Name	Acme & Co
Brand Owner Address	45 Main Road, South Coast City, 3998, Australia
Country of Origin	Australia

C.

The screenshot shows a confirmation screen with the heading 'Product Submitted.' Below the heading, the product details are displayed: '09319133336889 Acme Peanut Butter Crunchy 375g'. At the bottom, a green banner contains the message: 'The data has been sent to FSANZ.'

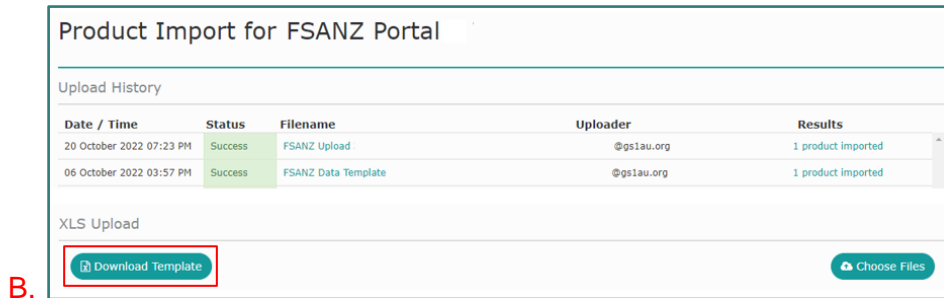
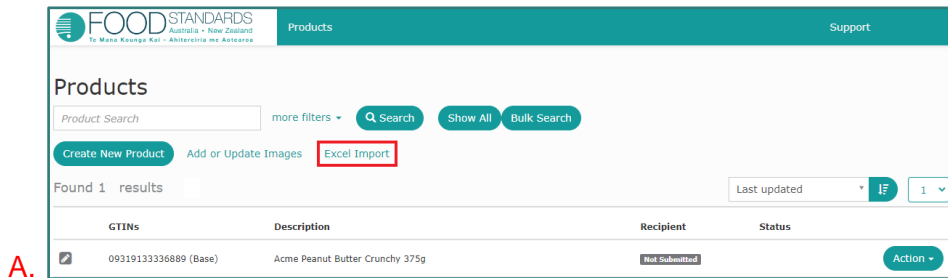
The submission screen will display all data for each product on one scrollable page.

If there is missing data at this point your screen will highlight errors that need to be corrected before the product can be submitted (A).

If all data has been provided, a message stating that 'Your product has been validated' will be displayed (B). Review your data and once you are happy click **Submit** to send your data to FSANZ.

If your product has been submitted successfully a confirmation screen will display (C).

Create New Product(s) – via FSANZ Data Template



A fast way to load multiple new products is via Excel Import. Click the ‘Excel Import’ hyperlink on the **Products** screen (A). From here you will be taken to the **Product Import** screen, showing upload history (B).

Click on **Download Template**. This is the file you will need to populate with product data and upload to the FSANZ Portal.

FSANZ Data Template

The FSANZ Data Template is intended to provide Brand Owners with a simple method for providing product data to FSANZ. The first task is to enter information about your products into the FSANZ Data Template. You can then upload the document to the FSANZ Portal, validate your data and submit to FSANZ.

The template has two worksheet tabs: **FSANZ Template Instructions** and **FSANZ Product Data Template**.

FSANZ Template Instructions

Attributes and Attribute Examples - FSANZ Product Data Template:				
Attribute Name	Repeatability	Data Type + Status	Attribute Examples	Attribute Definitions & Data Entry Notes
Trade Item Description	No Repeats	Derived Value	Acme Peanut Butter Crunchy 375 Grams	Auto generated attribute derived from the values within the 'Brand Name', 'Type of Product', 'Variant Description' & 'Net Content + UOM'. The derived value can be overwritten if needed.
Brand Name	No Repeats	String (M)	Acme	Brand name or trademark of the food product.
Type of Product	No Repeats	String (M)	Peanut Butter	Name or description by which the supplier refers to this specific product. Referenced as 'Functional Name' within the NPC Data Dictionary.
Variant Description	No Repeats	String (M)	Crunchy	Additional characteristics that differentiates that product, such as flavour, texture, colour etc.
Net Content	No Repeats	Decimal (M)	375	Number representing the total package weight or volume of the product.
Net Content UOM	No Repeats	Code List (M)	Grams	The metric unit representing the package weight or volume of the product. The unit is expressed in grams or millilitres.

This worksheet explains the structure of the FSANZ Data Template, provides a definition for the attributes listed in the header row, and importantly details how to populate each data attribute. Below is a sample excerpt from this worksheet.

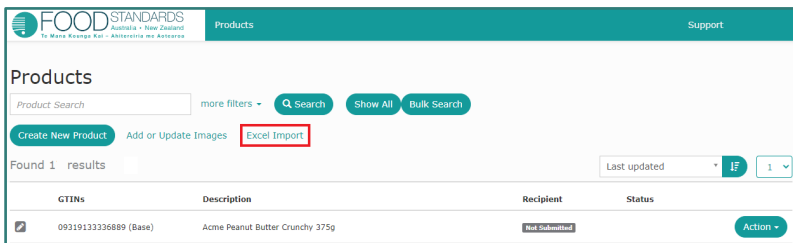
FSANZ Product Data Template

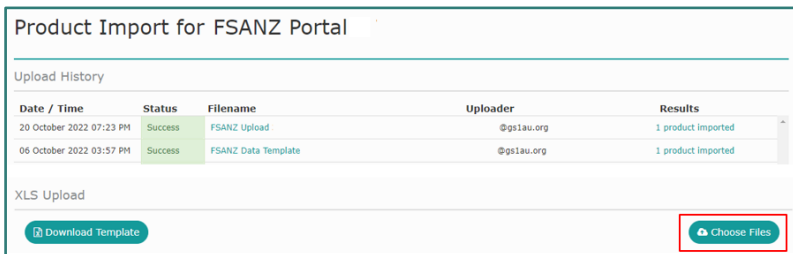
Product Description:				
Brand Name	Type of Product	Variant Description	Net Content	Net Content UOM
No Repeats	No Repeats	No Repeats	No Repeats	
String (M)	String (M)	String (M)	Decimal (M)	Code List (M)
GBrand	Chocolate Bar	Hazlenut	250	Gram
GBrand	Wafer Bar	Seeds	250	Gram
GBrand	Health Bar	Fruit	250	Gram

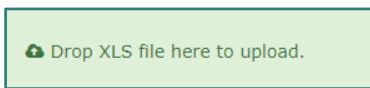
Nutritional Information Panel (NIP):			Nutritional values per 100g or 100ml - 'Unprepared' (as sold) or 'Drained'									
Servings per Pack	Serving Size	Serving Size UOM	Form of Food	Energy (kJ)	Protein (g)	Fat-Total (g)	Fat-Saturated (g)	Carbohydrate (g)	Sugars - Total (g)	Dietary Fibre - Total (g)	Sodium (mg)	
No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	No Repeats	
Decimal (M*)	Decimal (M*)	Code List (M*)	Code List (M*)	String (M*)	String (M*)	String (M*)	String (M*)	String (M*)	String (M*)	String (M*)	String (M*)	
1	250	Gram	As Solid	2345	3	14	10	32	40	23	35	
1	250	Gram	As Solid	2345	3	14	10	32	40	23	35	
1	250	Gram	As Solid	1987	3	12	10	32	30	40	25	

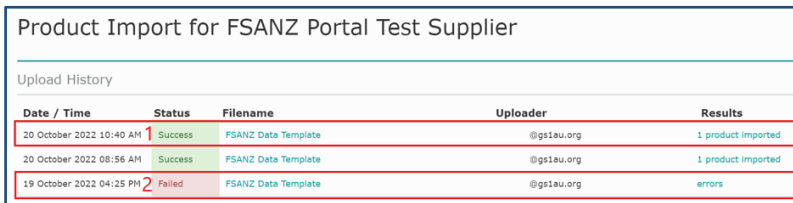
To enter your products populate a row for each new product you want to load, ensuring you populate all Mandatory (M) fields. Refer back to the FSANZ Template Instructions tab for definitions and examples to guide you.

Upload your FSANZ Product Data

A. 

B. 

C. 


D. 

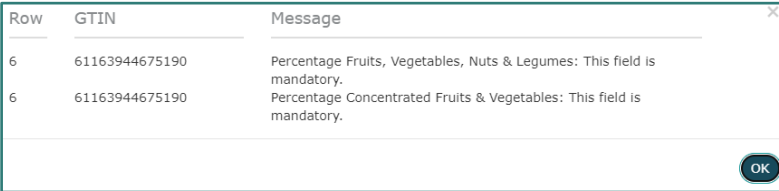
Date / Time	Status	Filename	Uploader	Results
20 October 2022 10:40 AM	Success	FSANZ Data Template	@gs1au.org	1 product imported
20 October 2022 08:56 AM	Success	FSANZ Data Template	@gs1au.org	1 product imported
19 October 2022 04:25 PM	Failed	FSANZ Data Template	@gs1au.org	errors

Click on the 'Excel Import' hyperlink on the **Products** screen (A). From here you will be taken to the **Product Import** screen (B). Click on **Choose Files** (B), or drag and drop your document on the 'Drop XLS file here to upload' image on the **Product Import** screen (C).

If your upload has been successful the 'Status' under the upload history will display **'Success'** (D1); if it has not been successful it will display **'Failed'** (D2).

Failed Template Loads

A. 

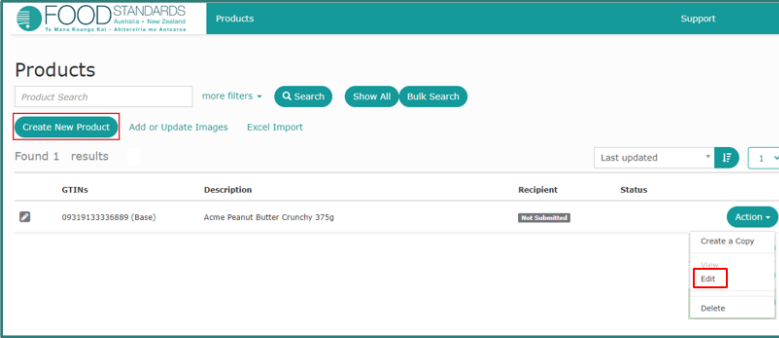
B. 

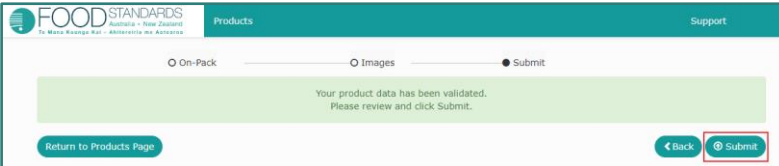
If your Template has failed to load, click on the 'errors' hyperlink to identify the issue/s (A).

Once you have clicked on the 'errors' hyperlink, an error log will appear (B). The error log will identify the row/s in the template that need attention and the resolution required. Resolve the errors identified and re-load your product data following the upload instructions above.

N.B. Any single error in a Template upload will cause the entire upload to fail. Existing products with complete data need to be retained in the re-load.

Submitting validated data

A. 

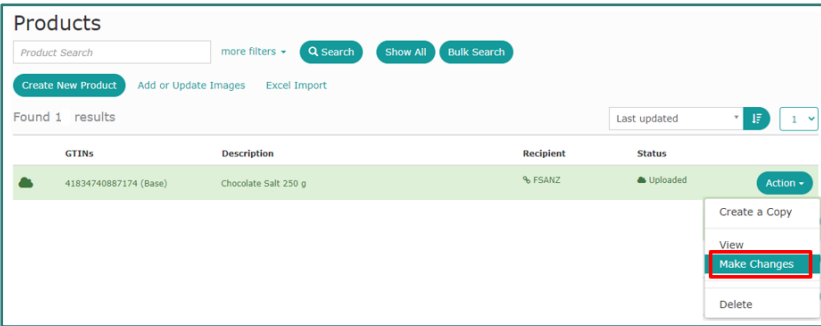
B. 

Once your upload has been successful, return to the **Products** screen. Each product uploaded via the Excel Import must now be submitted at the User Interface. For each loaded item, choose **Edit** on the product **Action** menu (A) and you will be directed to the **Submission** screen (B). Click on **Submit** to send the validated Product Data to FSANZ.

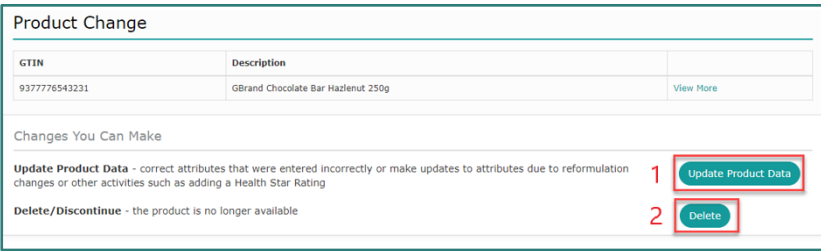
N.B. If you wish to make changes or additions to a product that has been uploaded but not yet submitted, you can do so by navigating through the relevant screens and entering data before submitting the product.

Update Product Data or Delete a Product

A.



B.



The screenshot shows the 'Products' interface with a search bar and filters. A table lists products, with one highlighted. An 'Action' menu is open for the selected product, showing options: 'Create a Copy', 'View', 'Make Changes', and 'Delete'. The 'Make Changes' option is highlighted with a red box. Below this is the 'Product Change' screen, which displays the product's GTIN and description. It offers two main actions: 'Update Product Data' (labeled B1) and 'Delete' (labeled B2), both highlighted with red boxes.

If your product is removed from the market (end dated) or the data changes, for example through reformulation, you can update the product record via the **Products** screen.

To end date or make changes to a product select **Make Changes** on the product's **Action** menu (**A**), from here you will be taken to the **Product Change** screen (**B**).

On the **Product Change** screen Click on **Update Product Data** (**B1**) or **Delete** (**B2**) and proceed as instructed below.

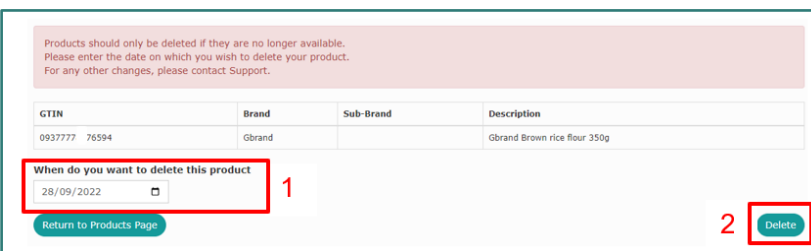
Update Product Data

Clicking **Update Product Data** will simply take you into the **Product Details** screen from where you can navigate to where the changes need to be made.

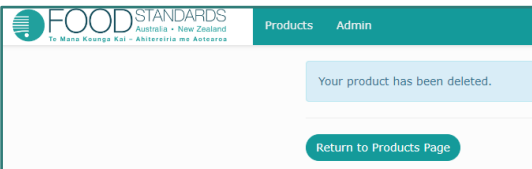
Make your changes, validate and submit your product data per the instructions for creating and submitting a product above.

Delete a Product

A.



B.



The screenshot shows the 'Delete a Product' confirmation screen. It includes a warning message: 'Products should only be deleted if they are no longer available. Please enter the date on which you wish to delete your product. For any other changes, please contact Support.' Below this is a table with columns: GTIN, Brand, Sub-Brand, and Description. The 'When do you want to delete this product' field is highlighted with a red box and labeled '1'. The 'Delete' button is highlighted with a red box and labeled '2'. Below this is the confirmation message 'Your product has been deleted.' with a 'Return to Products Page' button.

Clicking **Delete** as instructed above will take you to the delete screen (A). Enter the date when the product was removed from market (A1) and click **Delete** (A2).

Confirmation will display when your product has been successfully deleted (B).

N.B. The delete function should only be used for products that have been removed (deleted) from market. If you accidentally create a product and want to delete the record, please contact GS1 Australia using the contact details provided at the front of this Guide.

Health Star Rating Categories

The six categories of foods in the HSR Calculator are:

- Category 1** Non-dairy beverages, jellies and water-based ice confections (excluding Category 1D beverages)
- Category 1D** Milk (defined in Standard 2.5.1 of the Code) and dairy beverages (including dairy alternative beverages) that meet specified dairy criteria
- Category 2** All foods (other than those included in Category 1, 1D, 2D, 3 or 3D)
- Category 2D** Dairy foods (other than those included in Category 1D or 3D) with $\geq 75\%$ dairy or permitted dairy alternative content.
- Category 3** Oils and spreads, defined as follows
 - edible oil as defined in Standard 2.4.1 of the Code
 - edible oil spreads as defined in Standard 2.4.2 of the Code
 - margarine as defined in Standard 2.4.2 of the Code
 - butter as defined in Standard 2.5.5 of the Code
- Category 3D** Cheese (including surface ripened cheese) and processed cheese as defined in Standard 2.5.4 of the Code (with calcium content >320 mg/100 g).

Dairy (D) foods

A dairy food is defined as a milk, dairy beverage, cheese or yoghurt produced from milking animals (for example from cow, goat or buffalo), including fermented milk products, that meets the relevant calcium criterion for dairy foods outlined below.

Standard 2.5.1 of the Code defines compositional requirements for the minimum milk fat and protein content of cow's milk. Beverages made from milk that do not meet these compositional criteria are termed 'dairy beverages' in this guide.

For the purposes of Health Star Rating categorisation, milk and dairy beverage alternatives derived from legumes, cereals, nuts or seeds may be considered to belong to Category 1D providing they meet the relevant calcium criterion and protein requirements outlined below.

Dairy food alternatives derived from legumes may be considered in the dairy food categories (2D or 3D), providing they meet the relevant calcium criterion and protein requirements for dairy foods outlined below.

The criteria below are used to determine the HSR category.

Category 1D includes:

- milk and dairy beverages with ≥ 80 mg calcium/serve (this equates to sufficient calcium to meet the requirements for a 'source of calcium' claim under Standard 1.2.7 of the Code. A reference serve of 200 mL is given in Schedule 17).

- milk and dairy beverage alternatives derived from legumes that contain no less than 3% m/m protein derived from legumes and have ≥ 100 mg calcium per 100 mL¹.
- milk and dairy beverage alternatives derived from cereals, nuts, seeds, or a combination of those ingredients that contain no less than 0.3% m/m protein derived from cereals, nuts, seeds, or a combination of those ingredients, and have ≥ 100 mg calcium per 100 mL.
- milk, dairy beverages, and milk and dairy beverage alternatives, must contain $\geq 75\%$ dairy or permitted dairy-alternative ingredients (refer example below).

Category 2D includes²:

- all dairy foods not included in HSR Categories 1D or 3D, including cheeses with a calcium level ≤ 320 mg/100 g (e.g. ricotta, cottage cheese, cream cheese), yoghurt, fermented milk products, cream, dairy desserts and other chilled (but not frozen) dairy products.
- cheese alternatives derived from legumes that contain no less than 15% m/m protein derived from legumes and have a calcium level of ≤ 320 mg/100 g.
- yoghurt dairy dessert alternatives derived from legumes that contain no less than 3.1% m/m protein derived from legumes.
- dairy foods and alternatives must contain $\geq 75\%$ dairy or permitted dairy-alternative ingredients (refer example below). This category does not include ice cream or alternatives derived from cereals, nuts or seeds. These products fall in Category 2.

Category 3D includes:

- cheese (including surface ripened cheeses) and processed cheese, as defined in Standard 2.5.4 of the Code, with a calcium content > 320 mg/100 g. Must consist of $> 75\%$ dairy ingredients.
- cheese alternatives derived from legumes that contain no less than 15% m/m protein derived from legumes and have a calcium content > 320 mg/100 g and contain $> 75\%$ permitted dairy-alternative ingredients (refer example below).

Dairy-alternative ingredients

- For the purposes of Categories 1D, 2D and 3D 'permitted dairy-alternative ingredients' are those that are permitted by the Code and would otherwise be expected to be found as an ingredient in a 'dairy-alternative' product.

¹ The requirement for dairy beverage alternatives to contain a ≥ 100 mg calcium per 100mL aligns with the recommendation of the Australian Dietary Guidelines to select milk and dairy beverages alternatives with at least 100mg of added calcium per 100ml.

² The types of products permitted to be considered 'dairy alternatives' align with those that are considered analogues and are permitted to be fortified with calcium in accordance with Schedule 17 of the Code, e.g. The Code does not provide for fortification of analogues of cheese derived from nuts and consequently these types of products are treated as a Category 2 – food and not a Category 2D - dairy food.

E.g. 1

A soy milk could reasonably be expected to contain the following ingredients - Water, Soy Protein, Maltodextrin, Vegetable Oil, Sugar, Acidity Regulators, Emulsifiers, Thickeners, Stabilisers, Natural Flavours, Calcium, Vitamins.

A chocolate flavoured soy milk with any of the above ingredients and 3.5% cocoa would be considered a dairy alternative beverage that contained 96.5% 'permitted dairy-alternative ingredients' and 3.5% 'other ingredients'. The beverage contains $\geq 75\%$ permitted dairy-alternative ingredients and would therefore fall in Category 1D.

E.g. 2

A natural soy yogurt could reasonably be expected to contain the following ingredients - Water, Soybeans, Canola Oil, Sugar, Thickeners, Preservatives, Flavour, Yoghurt Cultures.

Fruit, Vegetable, Nut and Legume Content

Fruit, vegetable, nut and legume (FVNL) content comprises:

- all fruits, vegetables, nuts and legumes including coconut, spices, herbs, fungi, seeds and algae,
- FVNL that are fresh, cooked, frozen, canned, pickled or preserved,
- FVNL that have been peeled, diced or cut (or otherwise reduced in size), puréed or dried,
- fruit juice or vegetable juice as standardised in Standard 2.6.1 of the Australia New Zealand Food Standards Code including concentrated juices and purées,
- coconut flesh (which is to be scored as a nut), whether juiced, dried or desiccated, but not processed coconut products such as coconut milk, coconut cream or coconut oil,
- the water in the centre of the coconut.

Nuts and legumes are specifically excluded from the definition of fruit and vegetables and are considered (non-concentrated) FVNL in all forms, i.e. fresh, dried, roasted etc.

Potato crisps and similar low moisture vegetable products are taken to be non-concentrated.

FVNL does not include a constituent, extract or isolate of a food e.g. peanut oil, fruit pectin and de-ionised juice.

Concentrated Fruits and Vegetable Content should not be included as a component of FVNL content.

Example:

54% of the ingredients in Product A are fruits, vegetables, nuts and/or legumes.

- 5% is apple juice
- 17% is concentrated apple puree
- 20% is dates, and
- 12% is roasted cashews

The 17% concentrated apple puree is considered Concentrated Fruits and Vegetable Content, thus the value entered for Concentrated Fruits and Vegetable Content is 17%.

The remaining fruit, vegetable, nut and legume ingredients are not concentrated, thus the value entered for FVNL Content is 37%.

- Data entered is
FVNL Content %: 37%
Concentrated Fruits & Vegetables Content %: 17%
- Data entered is not
FVNL Content %: 54
Concentrated Fruits & Vegetables Content %: 17%