

How to Identify my Products GPC?

The importance and the Standards

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GS1 Saudi Arabia (GS1 KSA) is an unrivalled authority for providing GS1 International barcodes for local market, a foundation tool for automation for inventory, warehouse, Point-of-Sale etc. in this User guide, you will learn the step by step manual instructions from Registration to Get your GS1 barcode standards	2
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GS1 Overview

GS1 Saudi Arabia (GS1 KSA) is an unrivalled authority for providing GS1 International barcodes for local market, a foundation tool for automation for inventory, warehouse, Point-of-Sale etc. in this User guide, you will learn the step by step manual instructions from Registration to Get your GS1 barcode standards



Introduction and Purpose

GS1 Saudi Arabia (GS1 KSA), to serve the end consumer, companies and other organizations have worked together in supply and demand chains. Whether you are a small company or a large one, whether you have one single product or hundreds, the GS1 System of Standards is perfectly suited to your needs.

The GS1 system of standards aims to raise the efficiency of business processes and to provide cost savings through automation based on globally unique identification and digital information.

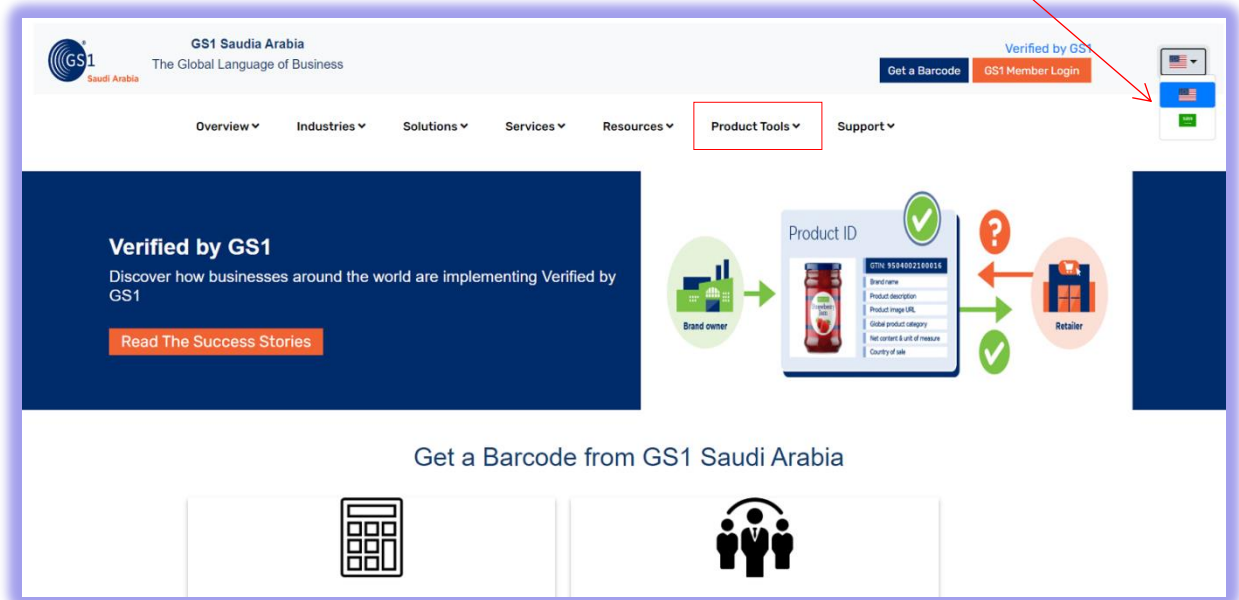
The GS1 User Guides from registration at the websites to finished helping organizations to avail GS1 Barcode for requirements in the Region.

Navigate to GS1 website: <https://gs1.org.sa>

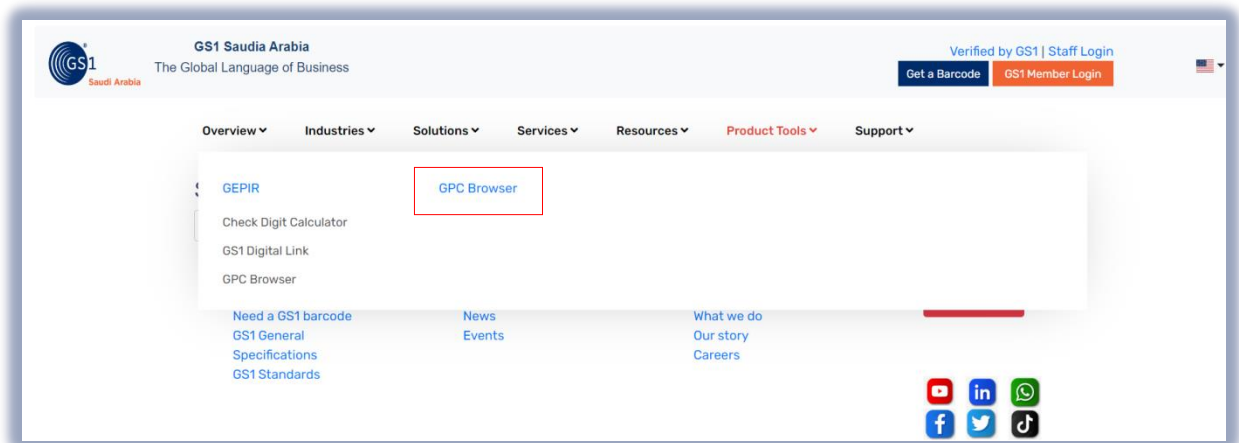
Select the Preferred language “English or Arabic” to continue

Then Find and Click "Product Tools" below

Select preferred language

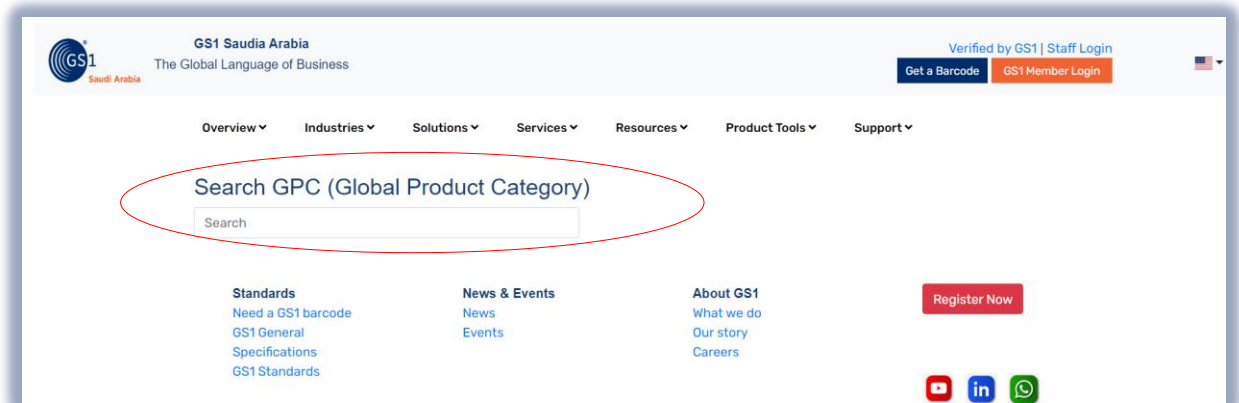


Under “Product Tools” Select “GPC Browser” to identify your product

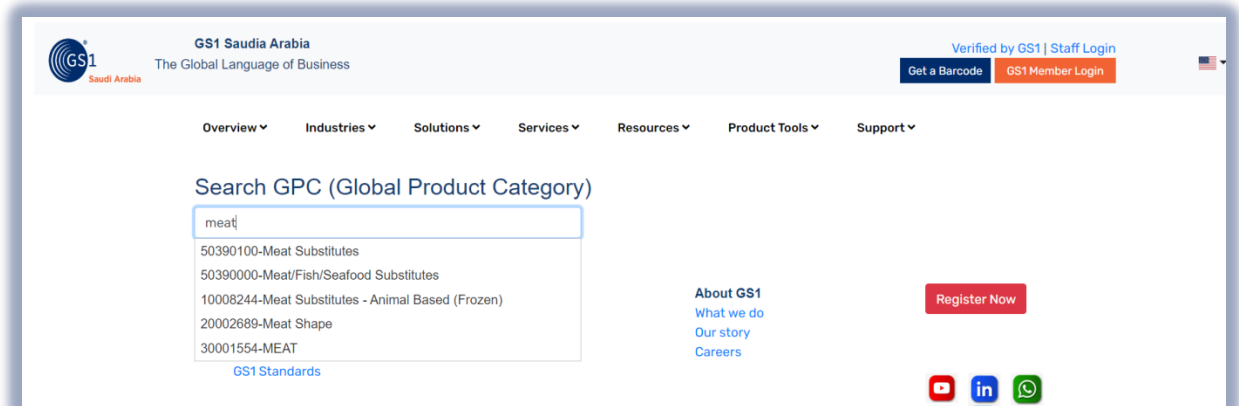
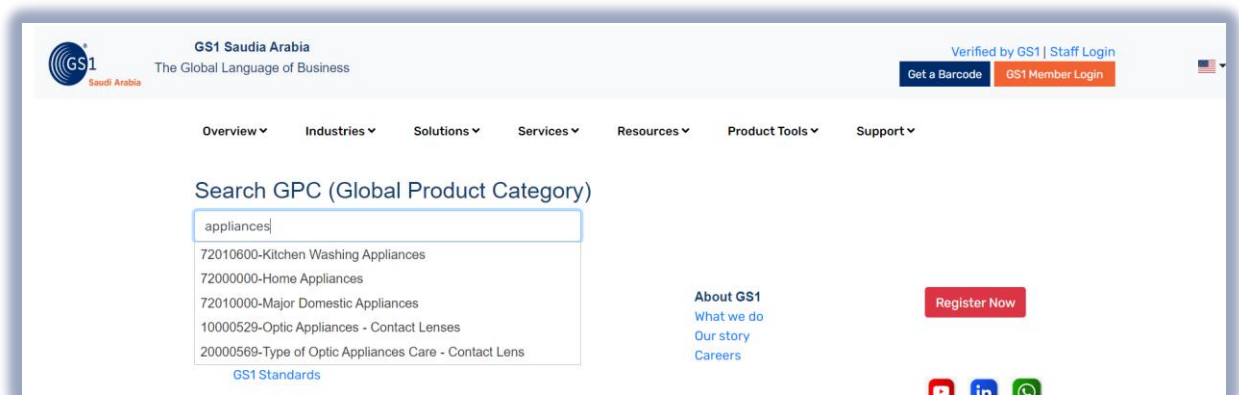


Search GPC (Global Product Category)

On the **Search bar** that shown same below, Enter or **Type** your **Product or Industry of a Company** then find your **Identity GPC number**.



Refer some example below



Cont. of Example

The screenshot shows the GS1 Saudi Arabia website with the search bar containing 'pharma'. The search results list several GPC codes and their descriptions: 51160100-Pharmaceutical Drugs, 51160000-Pharmaceutical Drugs, 10008142-Pharmaceutical Compounding – Accessories, 20000617-Type of Veterinary Pharmaceutical, and 30017724-PHARMACEUTICAL. Below the search results, there are links for 'Standards', 'News & Events', and 'About GS1'. A 'Register Now' button is also visible.

The screenshot shows the GS1 Saudi Arabia website with the search bar containing 'factory'. The search results list the GPC code 30011116-FACTORY. Below the search results, there are links for 'Standards', 'News & Events', and 'About GS1'. A 'Register Now' button is also visible.

The screenshot shows the GS1 Saudi Arabia website with the search bar containing 'manufact'. The search results list the GPC codes 20002498-Natural/Manufactured and 30011131-MANUFACTURED STONE. Below the search results, there are links for 'Standards', 'News & Events', and 'About GS1'. A 'Register Now' button is also visible.

About Global Product Classifications

Global Product Classification (GPC)

Global Product Classification

Global Product Classification (GPC) is the chosen GS1 standard mandatory classification system for the GDSN. Sellers and buyers need to group products the same way globally to ensure effective data synchronisation in the GDSN, to enable product search, view, and validation, as well as publication and subscription match. Only products classified according to GPC will be registered in the GS1 Global Registry



GPC is part of the GS1 standard package for Global Data Synchronization Network (GDSN)

The **GS1** standard package enables consistent use of the GS1 standards globally. The use of specific keys and their associated data carriers are supported by allocation rules, Bar Code or Radio Frequency Identification specifications and other regulations.

In a trading relationship, buyers and sellers can distinguish themselves (WHO) and their locations (WHERE) with the Global Location Number (GLN) key. They can identify their products (WHAT) with the Global Trade Identification Number (**GTIN**) key. The Target Market (TM) key determines the geographical area where the products are to be sold.

The **GPC Brick code** key identifies the product group to which the individual product belongs.

GPC is a structure for product classification (taxonomy), not individual product identification (**GTIN**) or description (dictionary). In other words, GPC provides a way to abstract rather than describe an individual product (which is handled by the trade item attributes)

GPC General Principles:

- Modularity and flexibility of the classification.
- Logical grouping of bricks. The logic behind the schema is transparent
- Universally applicable and not culturally biased.
- initially published in Oxford English.
- Facilitate the collection of relevant classification information acceptable by the industry.

Schema Principles:

- The GPC schema provides an optional 4-tier hierarchy – Segment, Family, Class and Brick.
- Each level of the schema is determined by rules and/or principles, and also industry decision. However the rules applied differ depending on the level – Segment, Family, Class, Brick, Brick Attributes and Brick Attribute Values.
- The business rules apply to any level or entity of the schema
- Each Brick can be assigned 1 or more Brick Attributes; in turn each Brick Attribute has a set of associated Brick Attribute Values.

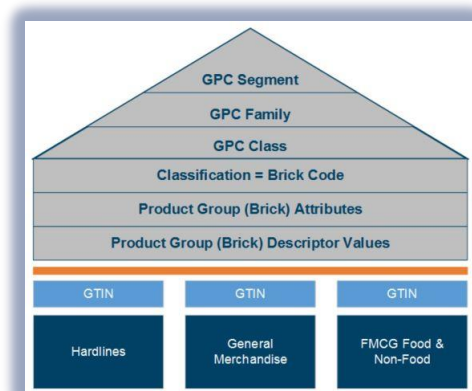
GPC Coding:

- All numbers are 8 digit, non-negative integers
- Unique codes for identifying each product at a brick level
- Constant (deleted bricks are not reassigned)
- Brick codes always start with '1'
- Brick Attribute codes always start with '2'
- Brick Attribute Value codes always start with '3'
- Temporary GPC Brick Code: '99999999'

This **brick code** is used for products that cannot be classified within the GS1 Global Product Classification schema. It serves as a temporary holding place for products, which cannot be classified within the current segments of the schema due to its current evolution. It excludes all products that can be classified within the published GS1 Global Product Classification Schema.

How it Works

GPC is a rules-based, four-tier classification system for grouping products. The four tiers are Segment, Family, Class, and Brick (with attributes). A Brick identifies a category incorporating products (Global Trade Item Numbers (GTINs) that serve a common purpose are of a similar form and material, and share the same set of category attributes.



Benefits of GPC

- Supports buying programmes by allowing buyers to pre-select groups of applicable products
- Provides a common language for category management thus speeding up the ability to react to consumer needs
- Eliminates redundant activities and improves data integrity and accuracy of product set-up, maintenance and catalogues
- Can be cross-referenced to existing proprietary trading partner classification systems
- Enables potential usage of Point of Sale (POS) data consolidation

Contact Information

In case any issues occur on registration journey, any questions and suggestions,
Please Contact us