

There are two available methods for generating a GTIN (Global Trade Item Number) for a non-retail trade item not being sold in North America. Either of these two options can be applied to a non-retail trade item containing retail products carrying either a GTIN-13 or a GTIN-8.

## Option 1: GTIN-14

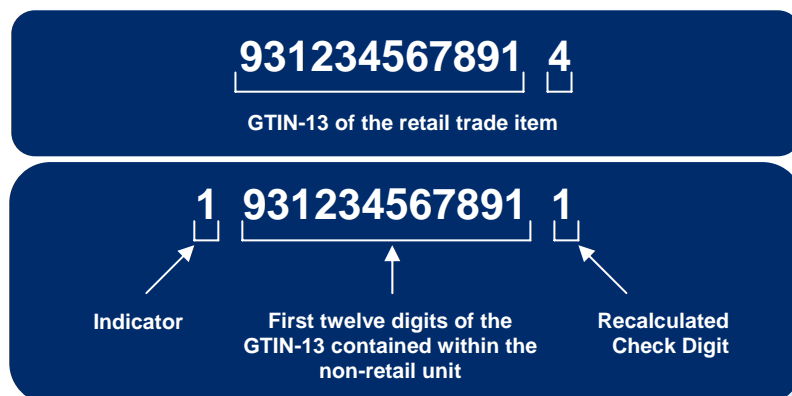
This option is only available for homogenous groupings of standard trade items, where all units contained in the group are identical. It involves using an Indicator with the GTIN and recalculating the Check Digit.

An Indicator can be any number from one to eight. Indicators are used to create up to eight unique GTIN-14s to distinguish between different packaging levels or pack quantities of the same trade item. They are chosen at the discretion of the company allocating the number.

**Note:** The GTIN-14 can be represented in either an ITF-14 or a GS1-128 Bar Code but the ITF-14 Symbology is better suited for printing onto corrugated fibreboard.

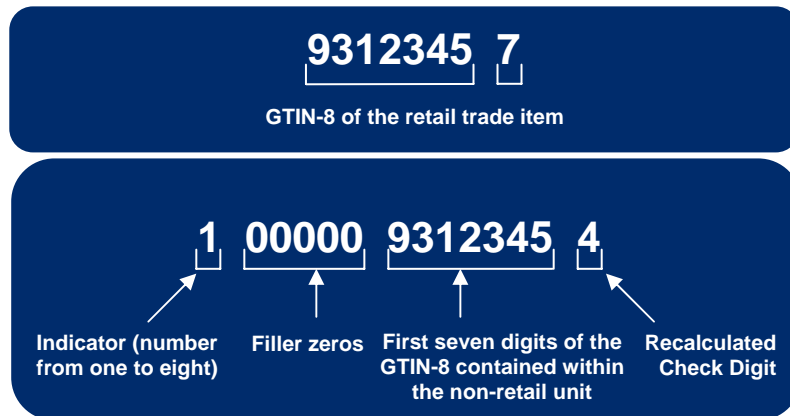
### Retail Trade Item Carries a GTIN-13

Choose the GTIN-13 on the retail unit that is the lowest level of packaging within the non-retail trade item. To form the GTIN-14, put an Indicator in front of the first twelve digits of this GTIN-13 then recalculate the Check Digit. A Check Digit Calculator Program is available on our website – [www.gs1au.org](http://www.gs1au.org).



## Retail Trade Item Carries a GTIN-8

Choose the GTIN-8 on the retail unit that is the lowest level of packaging within the non-retail trade item. To form the GTIN-14, put an Indicator followed by five filler zeros in front of the first seven digits of the GTIN-8 then recalculate the Check Digit. A Check Digit Calculator Program is available on our website – [www.gs1au.org](http://www.gs1au.org).



## Option 2: GTIN-13

If printing conditions permit the successful printing of an EAN-13 Bar Code, a GTIN-13 can be allocated. The method used to allocate this number is the same as for allocating a number to a retail product ( Refer to the GS1 Australia User Manual - Numbering and Bar Coding, located on our website - [www.gs1au.org](http://www.gs1au.org)).

If the GTIN-13 is to be encoded in an ITF-14 or GS1-128 Bar Code a filler zero must be added in front of the GTIN-13.

If there is any possibility of the non-retail trade item being sold at retail level, it *must* carry a GTIN-13 represented in an EAN-13 Bar Code. Ensure that a non-retail trade item is not allocated the same GTIN as a retail trade item.