INV "DE–MANUFACTURING"

(a.k.a Using Manufacturing to Change from One Size/Unit/Package to Another)

You receive products in cases. Sometimes you sell a whole case, but sometimes you also break open cases and sell the individual bottles or jugs. The cases and the bottles/jugs have **different product codes**.

What you'll find:

Splitting a Case into 12 bottles

Raw Product (case):   MS1K12x1 - Mobil Super 1000 5/30 12x1L (case)

Manufactured Product (bottles):   MS1K1L - Mobil Super 1000 5/30 1L

One Time Manufactured-Product Setup

Start with product you want to end up with – the 1 litre bottles. On the Product tab, indicate that this product "comes into being" through manufacturing by checking the ***Manufactured*** checkbox.
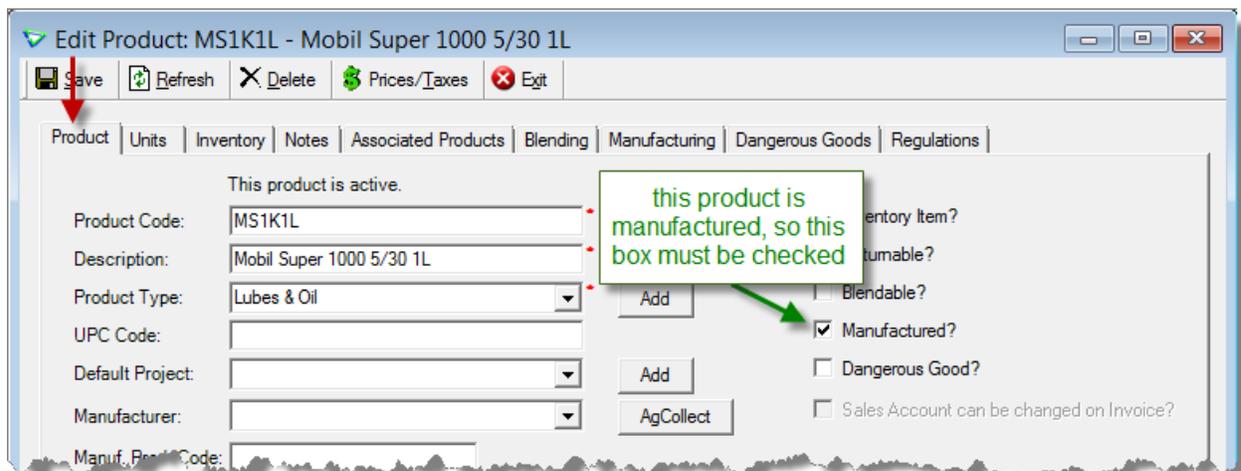
Because you'll always use the same raw product to make these bottles, you can setup a default ingredient list so that when you manufacture it you don't have to select the same raw product every time. On the Manufacturing tab, click **Add Raw Product Row**.
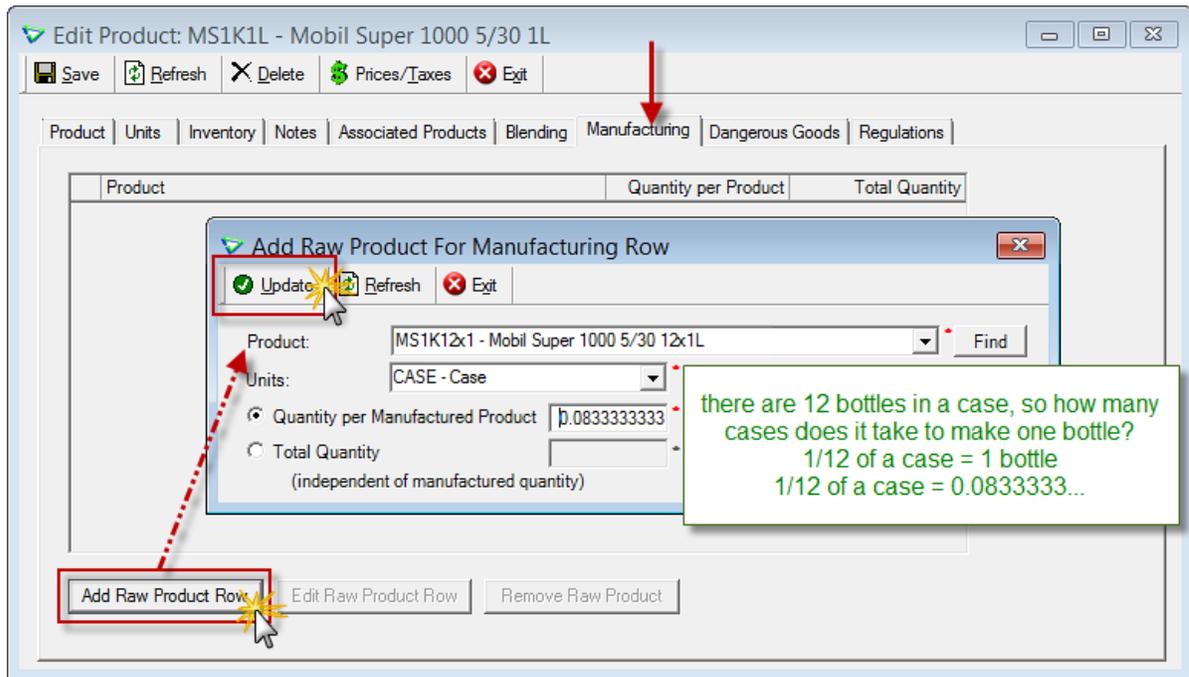
The only ingredient used is Mobile Super 5/3 12x1L. It takes one twelfth of a case to make one bottle. 1 divided by 12 = 0.083333… (start typing 0.08 and then type as many 3's as the system will let you – more decimals means more accuracy).

The "recipe" has been recorded so you will not need remember how much of which raw ingredients are needed to manufacture it (unless it changes six months from now when the cases start shipping with 24 bottles, or if you use a different raw product to make it).
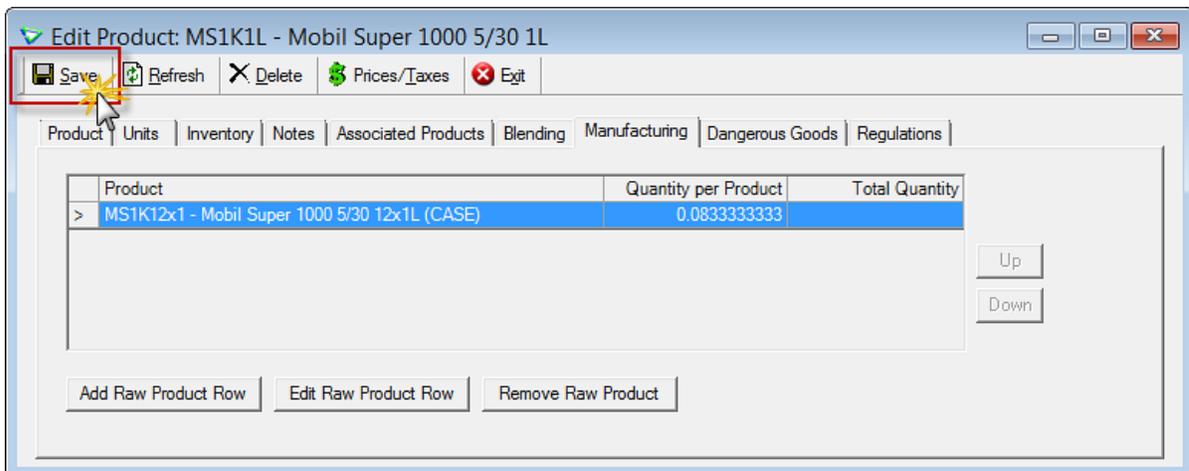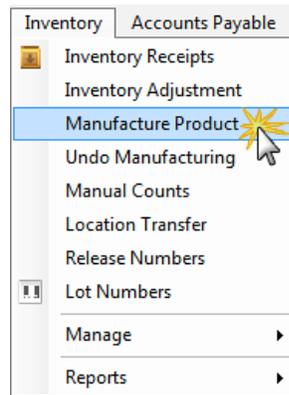

| Note	These are just the *default* raw products. When you manufacture, you can always make changes on the fly.

Manufacturing the Bottles

Now, let's go make some bottles! This is what you'll do each time you split up a case.


Select the Product and the Location from the drop-down lists, and indicate the quantity that will be manufactured in this batch. Because you've already setup the "recipe" of raw ingredients, click *Retrieve Default Raw Products*.
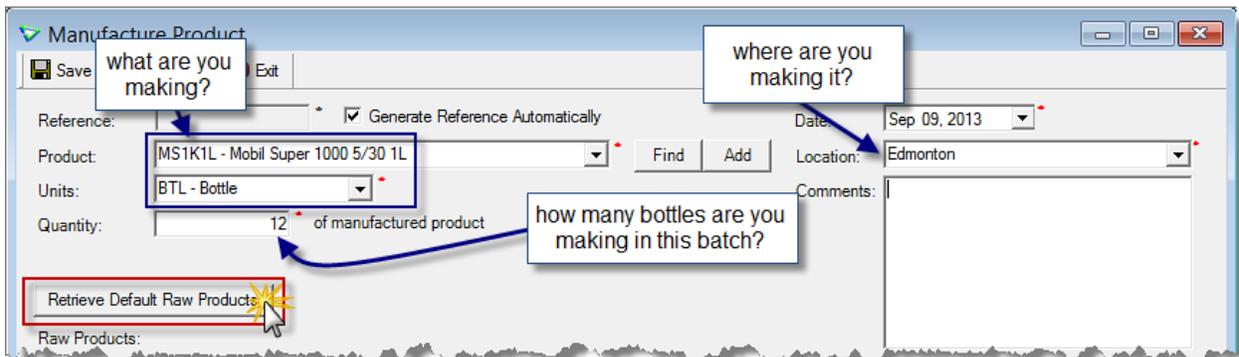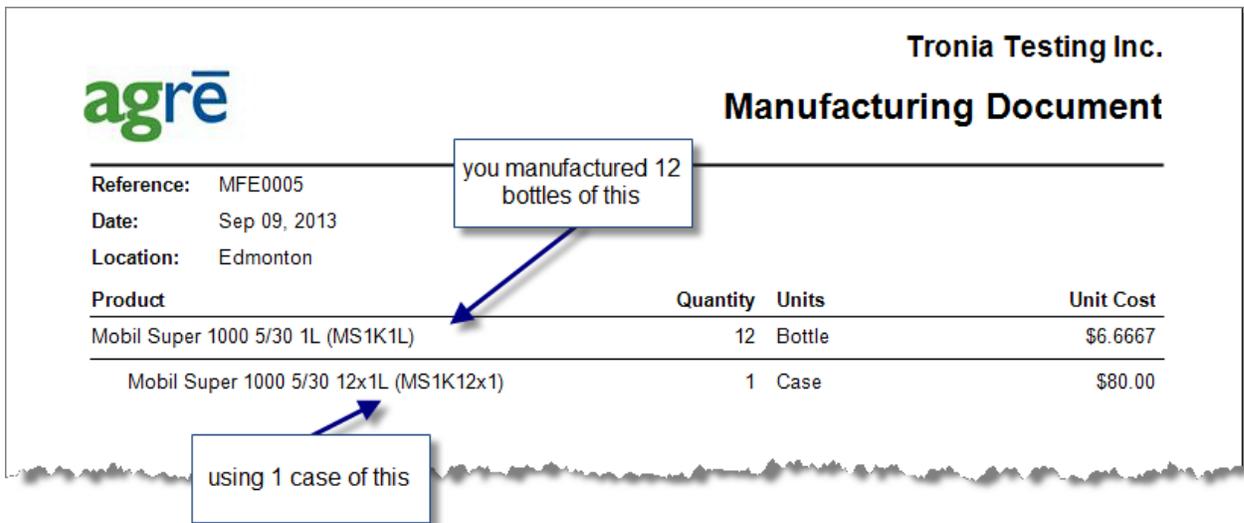

agrē will retrieve the raw products (as setup on the manufactured product) and calculate how much is required to make the quantity you indicated.
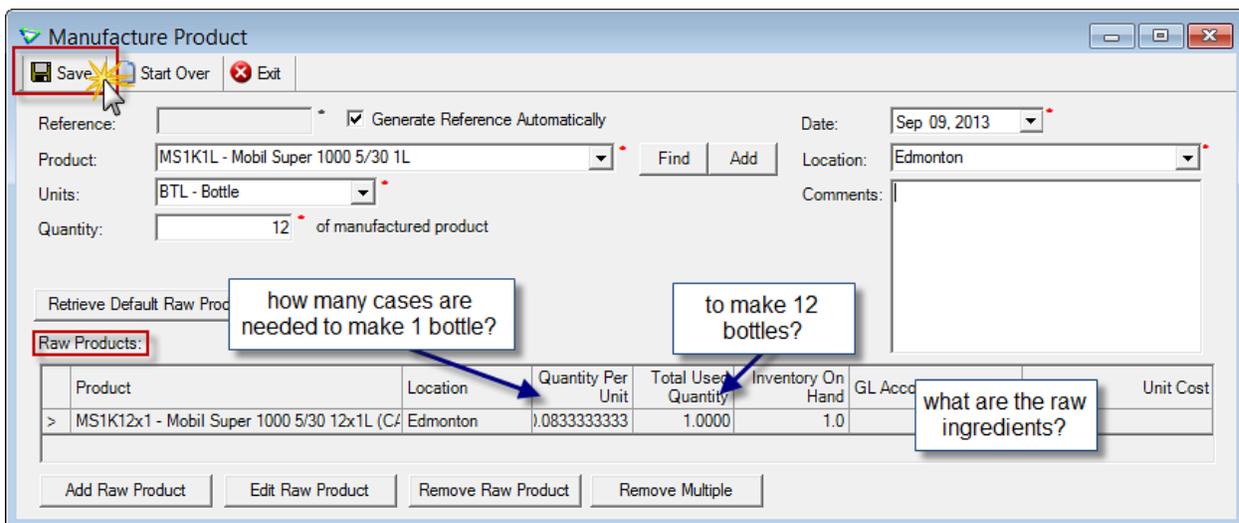
Click *Save* to "de-manufacture" 1 case into 12 bottles. Depending on your config options, you may be prompted to view the manufacturing document.
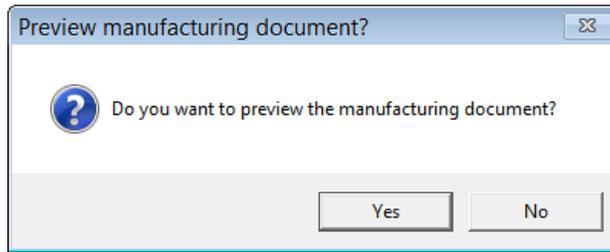
The manufacturing document provides the details.

You can double-check using the *Inventory Activity Detail* report.

Tronia Testing Inc.
Inventory Activity Detail

Location is Edmonton and Product Name is MS1K1L - Mobil Super 1000 5/30 1L between Sep 09, 2013 and Sep 09, 2013

Mobil Super 1000 5/30 1L (MS1K1L) - Bottle

Date	Transaction Type	Description	Ref #	In/Out
Sep 09, 2013	Manufacturing		MFE0005	12.0
Totals	Manufacturing			12.0
	Net Change			12.0

> positive value means there's 12 more of them
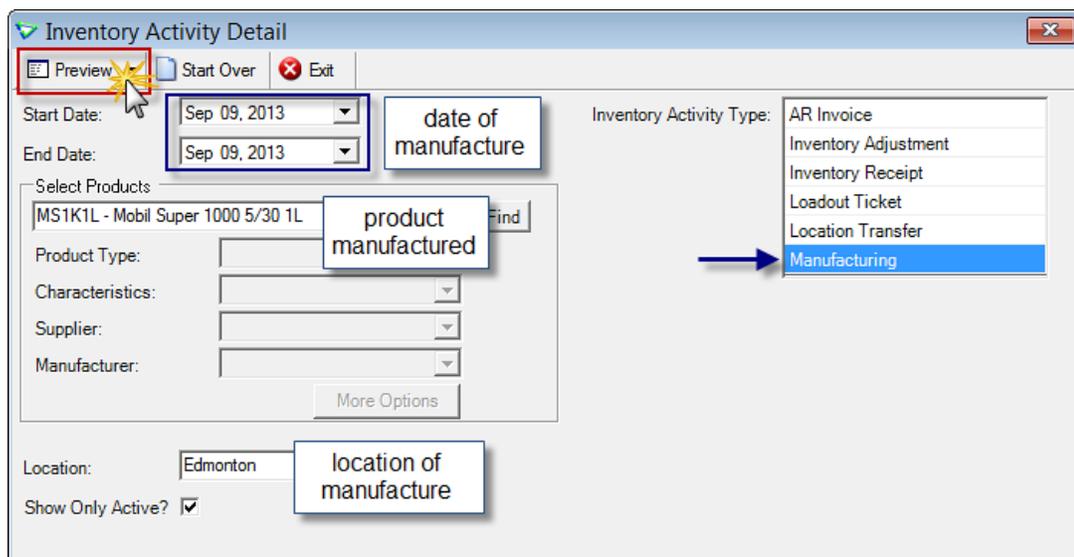
Inventory Activity Detail

Preview | Start Over | Exit

Start Date: Sep 09, 2013
End Date: Sep 09, 2013

> date of manufacture

Select Products
MS1K12x1 - Mobil Super 1000 5/30 12x1L | Find

Product Type:
Characteristics:

> raw product

Supplier:
Manufacturer:

More Options

Location: Edmonton
Show Only Active? ✔

> location of manufacture

Inventory Activity Type:
AR Invoice
Inventory Adjustment
Inventory Receipt
Loadout Ticket
Location Transfer
Manufacturing

Tronia Testing Inc.
Inventory Activity Detail

Location is Edmonton and Product Name is MS1K12x1 - Mobil Super 1000 5/30 12x1L between Sep 09, 2013 and Sep 09, 2013

Mobil Super 1000 5/30 12x1L (MS1K12x1) - Case

Date	Transaction Type	Description	Ref #	In/Out
Sep 09, 2013	Manufacturing		MFE0005	-1.0
Totals	Manufacturing			-1.0
	Net Change			-1.0

> negative value means there's 1 less case