



## **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:

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## 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*.

Edit Product: MS1K1L - Mobil Super 1000 5/30 1L       Save       Befresh       Prices/Taxes       Egit
Product       Units       Inventory       Notes       Associated Products       Blending       Manufacturing       Dangerous Goods       Regulations         Product       Quantity per Product       Total Quantity
Add Raw Product For Manufacturing Row     Add Raw Product For Manufacturing Row     Add Raw Product For Manufacturing Row     Add Raw Product Befresh Seat     Product:     MS1K12x1 - Mobil Super 1000 5/30 12x1L     Find     Units:     CASE - Case     Add Raw Product D.083333333     C Total Quantity     (independent of manufactured quantity)     there are 12 bottles in a case, so how many cases does it take to make one bottle?     1/12 of a case = 1 bottle     1/12 of a case = 0.08333333
Add Raw Product Row Edit Raw Product Row Remove Raw Product

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).

🐦 Edit Product: MS1K1L - Mobil Super 1000 5/30 1L				
Save Refresh X Delete \$ Prices/Taxes S Exit				
Product Units Inventory Notes Associated Products Blending Ma	anufacturing Dangerous Good	ls Regulations		
Product	Quantity per Product	Total Quantity		
MS1K12x1 - Mobil Super 1000 5/30 12x1L (CASE)	0.0833333333			
			Down	
Add Raw Product Row Edit Raw Product Row Remove Raw Product				

#### 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*.

Manufacture Product Save what are you making?	where are you making it?
Reference:	Date Sep 09, 2013 💌
Product: MS1K1L - Mobil Super 1000 5/30 1L Find	Add Location: Edmonton
Units: BTL - Bottle	Comments:
Quantity: 12 of manufactured product how many bottles making in this	s are you batch?
Retrieve Default Raw Product	

agrē will retrieve the raw products (as setup on the manufactured product) and calculate how much is required to make the quantity you indicated.

V Manufactu	ure Product
🛛 🖬 Save	Start Over 😵 Exit
Reference:	* I Generate Reference Automatically Date: Sep 09, 2013 ▼
Product:	MS1K1L - Mobil Super 1000 5/30 1L Tind Add Location: Edmonton
Units:	BTL - Bottle Comments:
Quantity:	12 of manufactured product
Retrieve Defai Raw Products:	ult Raw Proc how many cases are needed to make 1 bottle?
Product > MS1K12x	Location         Quantity Per Unit         Total Used Quantity         Inventory On Hand         GL Acco What are the raw ingredients?         Unit Cost
Add Raw Pr	roduct Edit Raw Product Remove Raw Product Remove Multiple

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.

agrē		M	anufac	Tronia Testing Inc. turing Document
Reference:MFE0005Date:Sep 09, 2013Location:Edmonton	you manufactured bottles of this	112		
Product		Quantity	Units	Unit Cost
Mobil Super 1000 5/30 1L (MS1K1L)		12	Bottle	\$6.6667
Mobil Super 1000 5/30 12x1L (MS1	K12x1)	1	Case	\$80.00
using 1 case of this	All Control of Control	and a second	alle star and a second	an ann an tha an an tha an

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

Inventory Activity Detail		<b>—</b>
Preview		
Start Date: Sep 09, 2013 date of	Inventory Activity Type:	AR Invoice
End Date: Sep 09, 2013   manufacture		Inventory Adjustment
		Inventory Receipt
MS1K1L - Mobil Super 1000 5/30 11 product Find		Loadout Ticket
manufactured		Location Transfer
Product Type:		Manufacturing
Characteristics:		
Supplier:		
Manufacturer:		
More Options		
Location: Edmonton location of manufacture		

agrē		Tronia Testing Inc. Inventory Activity Detail
	Location is Edmonton and Proc	duct Name is MS1K1L - Mobil Super 1000 5/30 1L between Sep 09, 2013 and Sep 09, 2013
Mobil Su	per 1000 5/30 1L (MS1K1L	.) - Bottle
Date	Transaction Type Description	Ref # In/Out
Sep 09, 2013	Manufacturing	MFE0005 12.0
Totals	Manufacturing Net Change	positive value means there's 12 more of them 12.0
all a state of the second	A Constant of the second s	The second state of the se
V Inventor	y Activity Detail	

Start Date: 10	Sep 09, 2013  date of	Inventory Activity Type:	AR Invoice
End Date:	Sep 09, 2013 - manufacture		Inventory Adjustment
-Select Products			Inventory Receipt
MS1K12x1 - Moh	il Super 1000 5/30 12/11		Loadout Ticket
INIS IN 12X1 - MOD			Location Transfer
Product Type:	raw product	$\rightarrow$	Manufacturing
Characteristics:			,
Supplier			
Suppliel.			
Manufacturer:	<b>v</b>		
	More Options		
Location: Show Only Active	Edmonton location of manufacture		

