

# Maintaining Product Hierarchy

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## Maintaining Product Hierarchy



There are 5 product hierarchy levels maintained in SAP. Generating numbers for these levels is a manual process; product hierarchy levels 4 and 5 are the majority of the new hierarchies. Any new hierarchy for a new product is required to be maintained in 3 transactions:

T-Code	Description
V/76	Create a new hierarchy level with description
KES1	If a new hierarchy level is created, maintain it as characteristic in COPA. <small>**This step is required since COPA is not able to read from source tables due to some problems faced in Wave 1 implementation.</small>
MM02	Change material master Assign product hierarchy in basic data and sales org segments

### V/76 Materials: Product Hierarchies

Start transaction V/76 and click on 'New Entries'



**Change View "Materials: Product Hierarchies": Overview**

 **New Entries** 

Product Hierarchy	Level no.	Description
105501501150000430	5	
10550150127000	4	
105501501270000430	5	
10550150142000	4	
105501501420000430	5	
10550150224000	4	
105501502240000430	5	
10550150400000	4	
105501504000000430	5	
10550150423000	4	

Maintain hierarchy levels and save (typically levels 4 and 5). The levels have to be maintained in descending order—level 1 has to be created before level 2, 3, 4 or 5, etc.

**Change View "Materials: Product Hierarchies": Overview**

 **New Entries** 

Product Hierarchy	Level no.	Description
70750150580000	4	
707501505800000140	5	

## KES1 – Maintain Characteristics

Select the product hierarchy level to be updated (typically Product Hierarchy 4)

**Change Characteristic Values**

Technical Names On/Off    All Characteristics On/Off

Operating concern: [REDACTED] COPA

user-defined characteristics

- Commission Type 1-12
- Commission Type 1-52
- Customer Type
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- Market
- NOT USED ProdHier 1
- Order Source
- Order Type
- Payment Method
- Product Hierarchy 1
- Product Hierarchy 2
- Product Hierarchy 3
- Product Hierarchy 4
- Product Hierarchy 5
- [REDACTED]
- Warehouse

Enter product hierarchy, description and save

**Change View "Values for Characteristic "Product Hierarchy 4 """: Overview**

New Entries

Values for Characteristic "Product Hierarchy ..."

ProdHier-4	Descriptn
573000	[REDACTED]
574000	[REDACTED]
575000	[REDACTED]
576000	[REDACTED]
577000	[REDACTED]
578000	[REDACTED]
579000	[REDACTED]
580000	[REDACTED]
581000	Mobiles Special PC

MM02 – Assign product hierarchy to materials (assignment must be maintained in both views outlined below. Filling out one field will not automatically populate the other)

Enter product hierarchy in 'Basic Data 1' segment

The screenshot shows the SAP 'Display Material' window for material 30150001. The 'Basic data 1' tab is active. The 'Material' field contains '30150001'. Below the tabs, the 'General Data' section is visible, containing the following fields:

Base Unit of Measure	EA	each	Material Group	M006
Old material number	30150001		Ext. Matl Group	
Division	10		Lab/Office	
Product allocation			Prod.Hierarchy	707501505800000140
X-plant matl status	13		Valid from	
			GenItemCatGroup	NORM Standard item

Select a Sales Organization/Distribution Channel

Select sales segment for Sales org. view.

The screenshot shows the SAP 'Display Material' window for material 30150001 in the 'Sales: sales org. 1' view. The 'Organizational Levels' dialog box is open, showing the following fields:

Plant	1000
Sales Org.	1000
Distr. Channel	10

Enter product hierarchy in 'Sales: sales org. 2' view

Technically each sales organization can have its own product hierarchy code.

**Display Material 30150001 (Finished Product)**

Additional Data Org. Levels

Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Foreign tra...

Material 30150001

Sales Org. 1000

Distr. Chl 10

Grouping terms

Matl statistics grp	<input type="checkbox"/>	Material Price Grp	<input type="checkbox"/>
Volume rebate group	<input type="checkbox"/>	Acct assignment grp	01 Trading Goods
Gen. item cat. grp	NORM Standard item	Item category group	NORM Standard item
Pricing Ref. Matl			
Product Hierarchy	707501505800000140	15ml Melaleuca	
Commission group	<input type="checkbox"/>		

Material groups

### Example - How COPA reads and populates product hierarchy levels

COPA reads product hierarchy from material master records & populates each level and complete hierarchy on ACDOCA table for all sales postings. The same is also populated on costing based COPA records.

Product Hierarchy	Spaces	707501505800000140	
Product Hierarchy Level 1	First 2	70	<Category>
Product Hierarchy Level 2	Next 3	750	<Type>
Product Hierarchy Level 3	Next 3	150	<Company>
Product Hierarchy Level 4	Next 6	580000	<Item>
Product Hierarchy Level 5	Next 4	0140	<Sub-Section>

### Priority for determining product hierarchy on sales transactions

- First priority is given to Sales Area segment.
- If Sales area segment does not have product hierarchy, second priority is Basic Data 1 segment

### Material is placed on a sales order before product hierarchy is maintained

Derivation must take place in the case that a material was placed on a sales order before the product hierarch is maintained.

# Change doTERRA Reg Order 803: Item Data

Navigation icons: back, forward, search, etc.

Sales Document Item: 10  
Item Category: [Redacted]  
Material: 41830001 US 150 LRP Kit

Account assignment | Sales A | Sales B | Shipping | Billing Document | Conditions | Account assignment | Schedule lines | Partners | Texts | Order Data

## Account assignment

Business Area: [Redacted]  
Order: [Redacted]  
Profit Center: KITS  
Profit. segment: [Redacted]  
WBS element: [Redacted]

## Data relevant for cost accounting

Costing sheet: [Redacted]  
Overhead key: [Redacted]

## Assignment to a Profitability Segment

Entry aids  
Central entry aids  
My entry aids

Characteristic	Char. value	Text
Customer	3473540	[Redacted]
Product	41830001	[Redacted]
Billing Type	ZZF2	[Redacted]
Order	[Redacted]	[Redacted]
Company Code	1000	[Redacted]
Plant	1001	[Redacted]
Business Area	[Redacted]	[Redacted]
Functional Area	[Redacted]	[Redacted]
Segment	[Redacted]	[Redacted]
Sales Org.	1000	[Redacted]
Distr. Channel	10	[Redacted]
Division	10	[Redacted]
WBS Element	[Redacted]	[Redacted]
Cost center	[Redacted]	[Redacted]
Cost Object	[Redacted]	[Redacted]

Continue Derivation Delete assignment Cancel