

# MICROS Materials Control

Managed Article Codes



Product Version **8.7.20.39.1422**

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Author:	Joerg Trommeschlaeger
Department:	Materials Control
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## Introduction:

This function allows to assign an additional code to stock articles, which is generated based on pre-defined parameters. This code is automatically distributed to all related purchase articles as well.


It can be used in the Purchase Statistics per Article / per Supplier as filter option.

## Setup:

### Configuration:

Go to System > Configuration > FBV8.INI > [CUSTOM] > ManagedArtCode:

After re-opening the Master Data module the former standard field “Article Code” will be closed for editing now.

Next to the field the user will find the button  to open a dialog box. This dialog box offers various selections which will generate the article code then.

The screenshot shows a dialog box titled "Choose Article Code". It contains the following fields and values:

- Major Group Code: Beer
- Article Group Code: Beer Local Bottled
- Subgroup Code: UG120
- Group Number: 0006

There is a "Suggested" button next to the "Group Number" field. At the bottom of the dialog are "OK" and "Cancel" buttons.

The article code is created out of numeric and alphanumeric definitions made for every selected group plus a suggested (consecutive) number.

Algorithm of the generated Article Code:

[Major Group Code].[Article Group Code].[Subgroup Code].[consecutive Group Number]

Example: 02.22.UG120.0006

This article code is not unique and can be re-defined by every user that has access to this module.

## Group Definition:

### Versions 8.7.10.43.1382 and older:

The groups that can be selected in the article code generation dialog are stored in a file called ManagedArticles.INI. This file can be found in the root of the Materials Control installation directory.

The installation setups will not contain a file called ManagedArticles.INI, but ManagedArticles.ORG.

Adjust this file as necessary and rename it to ManagedArticles.INI.

Edit the file:

(this is just an example for the group code definition!)

```

ManagedArticles.ini - Notepad
File Edit Format View Help
[Group0]
1=Bakery; 01
2=Beer; 02
3=winnes; 03
4=Chinaware; 04
5=silver; 05

[Group01]
1=Bakery, sweet, fresh;11
2=Bakery, sweet, frozen;12
3=Bakery others;13

[Group02]
1=Beer Local Bottled;20
2=Beer Others Bottled;21
3=Beer Local KEG;22
4=Beer Others KEG;23

[Group03]
1=white wine, Germany;30
2=white wine, Italy;31
3=white wine France;32

[Group04]
1=Plates, Banquet;40
2=Plates, Restaurant;41
3=Cups, Banquet;42
4=Cups, Restaurant;43

[Group05]
1=Forks, Banquet;50
2=Forks, Restaurant;51
3=Knives, Banquet;52
4=Knives, Restaurant;53

[GroupUG]
1=UG120
2=UG121
3=UG122
4=UG123
5=UG124
    
```

The file is divided into 3 sections:

#### Major Groups (red frame):

The first section [Group0] defines the “Major Group Code” in the dialog.

The records listed below are the different major groups. The alpha-numeric code at the end of the line defines the section for the Article Group Code.

“2=”	sequential number per line
“Beer”	Description
“;02”	alpha-numeric Code

Example:

2= Beer;02 refers to Article Group [Group02]

If the user selects the Major Group Code “Beer” the corresponding Article Groups defined in [Group02] will be available in the selection box for the Article Group Code.

In addition to this the code (here 02) defines the first part of the Article Code.  
**“02.”**

Article Groups (blue frame):

The second section [GroupXX] defines the “Article Group Code” in the dialog. The records listed below are the different article groups.

After the selection of the Major Group Code (here “Beer”) the user will see the related Article Groups defined in this section in [Group02].

“1=”	sequential number per line
“Beer Local Bottled”	Description
“;20”	alpha-numeric Code

Example: The user selects “Beer Local Bottled”

This will define now the second part of the article code.  
**“02.20.”**

**The term [Groupxx] must not be translated! Otherwise the groups will not be visible in the application!**

Subgroups (green frame):

The third section [GroupUG] defines the “Subgroup Code” in the dialog.  
The records listed below are the different Subgroups.

This group does not have any relation to the groups selected before.

“1=” sequential number per line  
“UG120” Description

Example: The user selects UG120

The screenshot shows a dialog box titled "Choose Article Code". It contains four dropdown menus: "Major Group Code" (Beer), "Article Group Code" (Beer Local Bottled), "Subgroup Code" (UG120), and "Group Number". A list of subgroups is displayed below the "Subgroup Code" dropdown, with "UG120" highlighted. At the bottom, there are "OK" and "Cancel" buttons.

This will define now the third part of the article code.  
“02.20.UG120.”

The fourth part of the code is defined through the last field in the dialog “Group Number” that can be entered manually or automatically by using the button suggested

The screenshot shows the same dialog box as before, but now the "Group Number" field contains "0006". A yellow button labeled "Suggested" is highlighted next to the "Group Number" field. The "OK" and "Cancel" buttons are still present at the bottom.

“02.20.UG120.0006”

**Please don't forget to save the article after the generation of the new article code!**



## Versions 8.7.20.39.1422 and higher:

With version 8.7.20.xx the configuration was changed.

### Existing Configuration (using INI File)

During the update to version 8.7.20.xx the system will try to convert the existing ManagedArticles.INI (see [chapter above](#)) into the new configuration modules. Please make sure that the DB Update is executed on a workstation storing the correct INI file. This is a one-time migration, working only if no further group code configuration was done before.

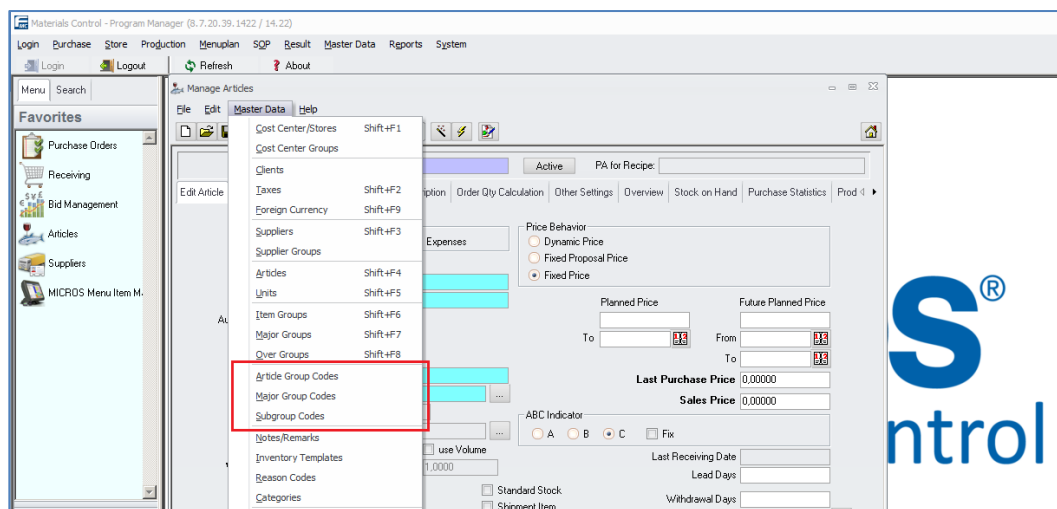
The file ManagedArticles.INI will no longer be considered from now on.

Once the update was successfully executed the handling will follow the description below.

### New Configuration

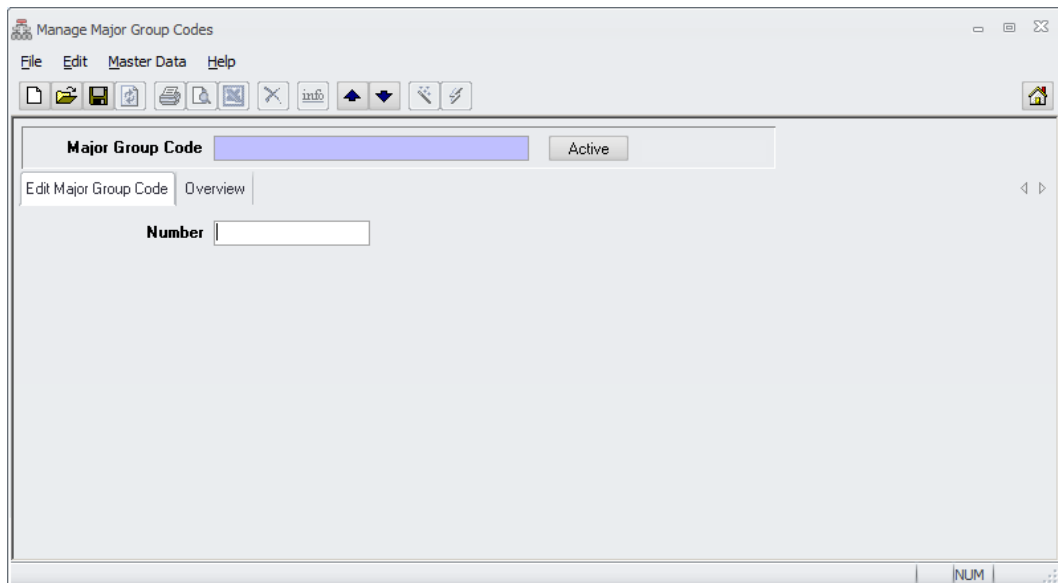
Three new modules were added to manage the Article Code Generator. Since the Article Code feature is not used that often, it was not integrated into the main Master Data Menu.

Open any module (e.g. Articles) in the menu Master Data and here open the menu again:



These modules are now replacing the file editing in the older versions.

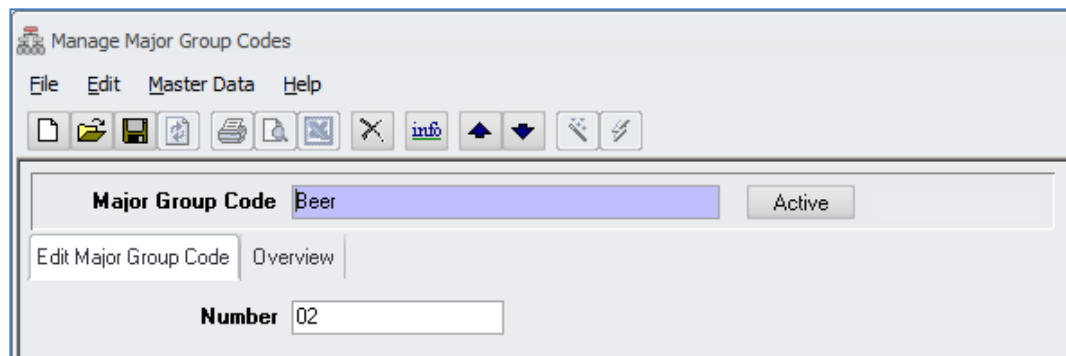
**Open the module Major Group Codes:**



Similar as in the INI file now the Major Group Codes can be defined.


- Please define a Major Group Code description
- Define an alpha-numeric code.

Example:



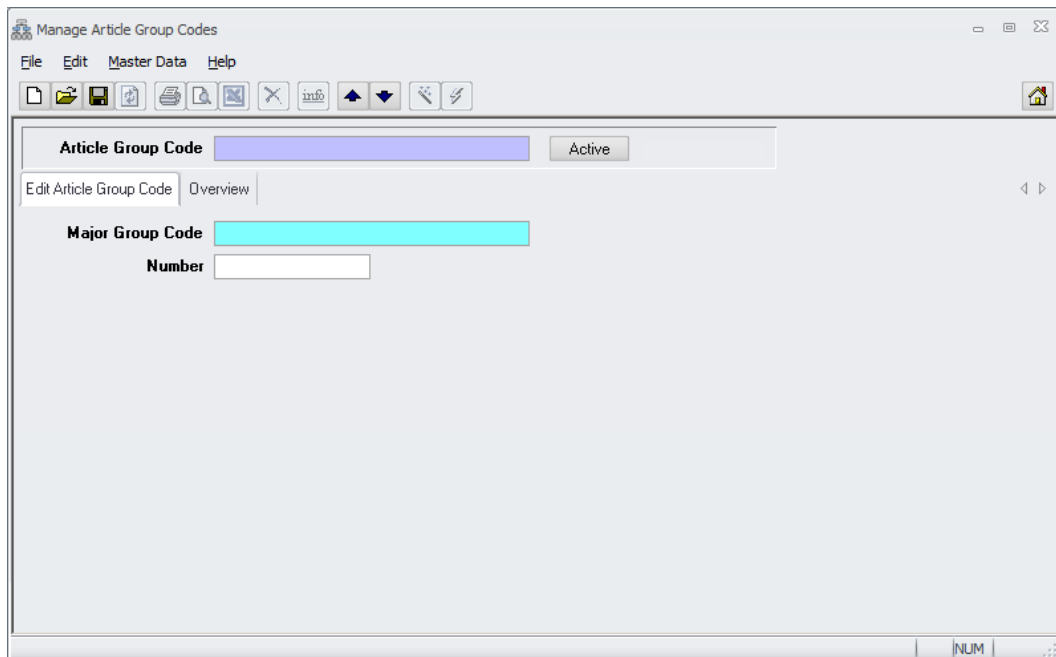
The alpha-numeric code defines the first part of the Article Code.

➔ "02."

Click on the  icon to open the Overview Filter dialog:



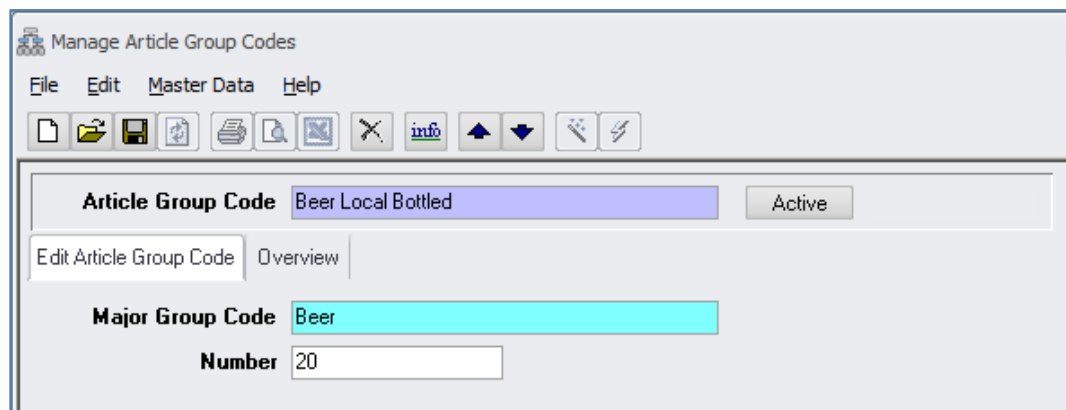
**Open the module Article Group Codes:**



This module is used to define the “Article Group Code” in the dialog.


- Please define an Article Group Code description
- Select a Linked Major Group Code
- Define an alpha-numeric code.

Example:



The alpha-numeric code defines the second part of the Article Code.

➔ “xx.20”

Click on the  icon to open the Overview Filter dialog:

Option: Search for Article Group Codes

Article Group Code

Number

Major Group Code

Sorted by

Article Group Code

Number

Show also inactive

OK Cancel

Add all required filters and click on OK

Manage Article Group Codes

File Edit Master Data Help

Article Group Code  Active

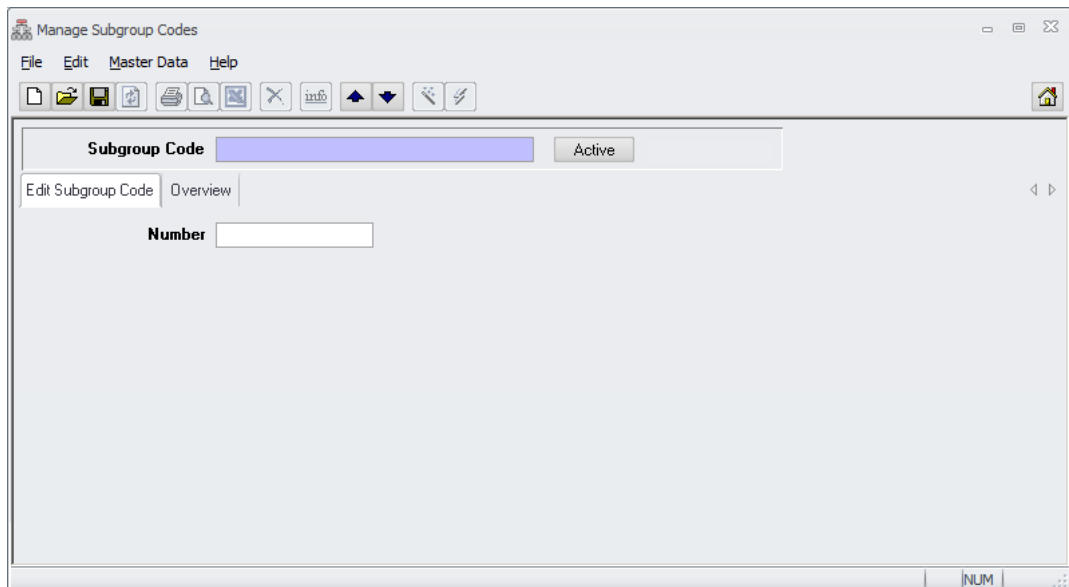
Edit Article Group Code Overview

A	Number	Article Group Code	Major Group Code	Changed by	At
	13	Bakery others	Bakery	admin	01.10.2012
	11	Bakery, sweet, fresh	Bakery	admin	01.10.2012
	12	Bakery, sweet, frozen	Bakery	admin	01.10.2012
	20	Beer Local Bottled	Beer	admin	01.10.2012
	22	Beer Local KEG	Beer	admin	01.10.2012
	21	Beer Others Bottled	Beer	admin	01.10.2012
	23	Beer Others KEG	Beer	admin	01.10.2012
	42	Cups, Banquet	Chinaware	admin	01.10.2012
	43	Cups, Restaurant	Chinaware	admin	01.10.2012
	50	Forks, Banquet	Silver	admin	01.10.2012
	51	Forks, Restaurant	Silver	admin	01.10.2012
	52	Knives, Banquet	Silver	admin	01.10.2012
	53	Knives, Restaurant	Silver	admin	01.10.2012
	40	Plates, Banquet	Chinaware	admin	01.10.2012
	41	Plates, Restaurant	Chinaware	admin	01.10.2012

NUM

Here all existing Article Group Codes are displayed. As usual these can be selected by double click for editing.

**Open the module Subgroup Codes:**

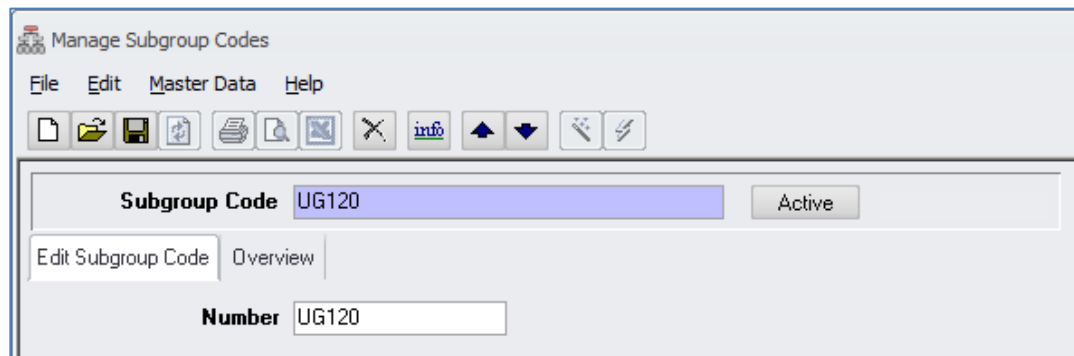


This module is used to define the Subgroup Codes.

These groups do not have any relation to the groups selected before.


- Please define an Subgroup Code description
- Define an alpha-numeric code.

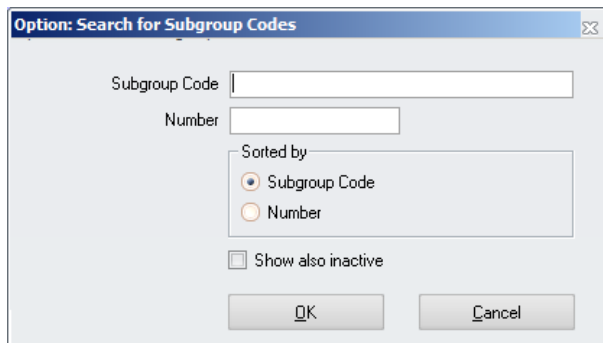
Example:



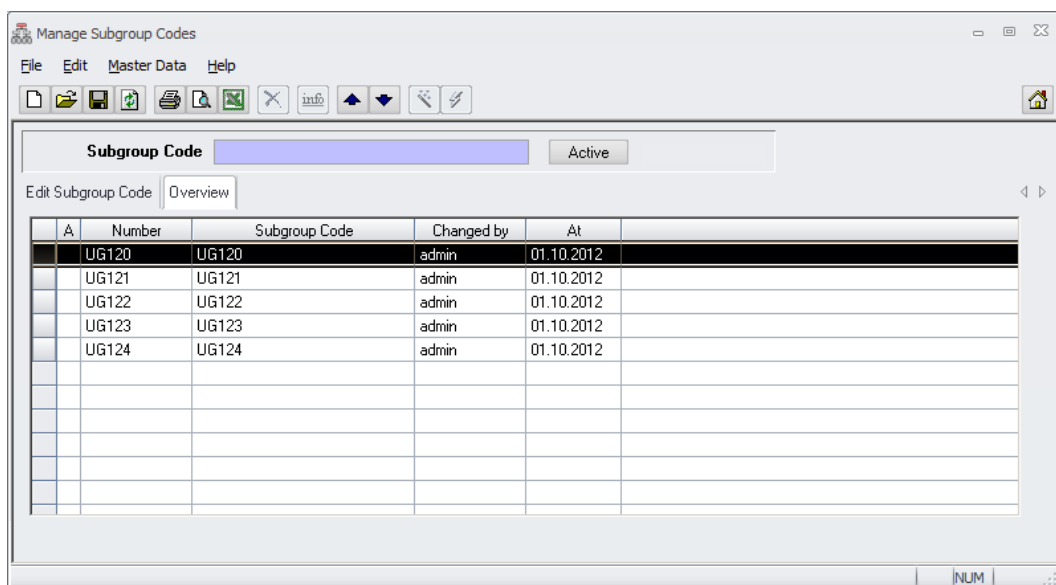
The alpha-numeric code defines the third part of the Article Code.

➔ "xx.xx.UG120"

Click on the  icon to open the Overview Filter dialog:



Add all required filters and click on OK



Here all existing Article Group Codes are displayed. As usual these can be selected by double click for editing.

## Purchase Statistics:

The configuration made above now allows to filter in the purchase statistic reports for specific group codes.

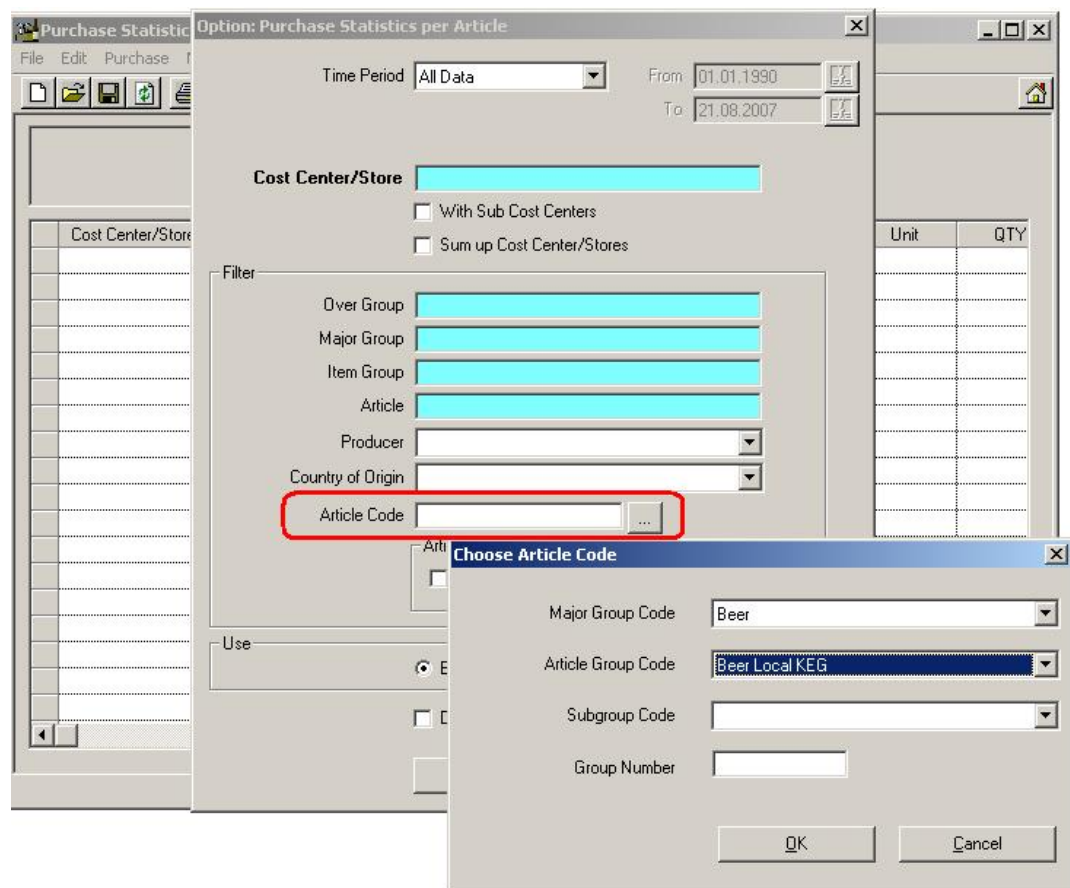
### Purchase Statistics per Article / per Supplier:

Go to Purchase > Purchase Analysis > select ...

➤ Purchase Statistic per Article

or

➤ Purchase Statistic per Supplier



The small button “...” now opens the same dialog as already seen in the article definition. The user can now filter for the defined Article codes.

The selected filter is also displayed in the report's information box:



**Purchase Statistics per Article**

File Edit Purchase Master Data Help

Holiday Park Hotel (+)  
01.01.1990 to 21.08.2007  
Article Code: 02.22.\*

Major Group	Item Group	Article	T	Supplier	Unit	QTY
Beer	Beer KEG	Gaffel Kölsch Beer 50Ltr KEG	DEL	Mr Drink	Liter	400,00
Beer	Beer KEG	Gaffel Kölsch Beer 50Ltr KEG	INVC	Mr Drink	Liter	4.400,00
Beer	Beer KEG	Gaffel Kölsch Beer 50Ltr KEG	INVC	Kerstins Ware	Liter	150,00
Beer	Beer KEG	Warsteiner Pils Beer 50l KEG	DEL	Mr Drink	Liter	900,00
Beer	Beer KEG	Warsteiner Pils Beer 50l KEG	INVC	Mr Drink	Liter	40.900,00
Beer	Beer KEG	Warsteiner Pils Beer 50l KEG	INVC	Kerstins Ware	Liter	150,00

**MICROS-FIDELIO GmbH**  
 Europadam 2-6  
 41460 Neuss  
 Germany  
 Phone: +49 2131-137 0 | Fax: +49 2131-137 777