2. Security Management

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1. Security Management Logic

Security Management is split by Role and Scope depending on the object you want to give users access to.

1.1 Role

- One user needs to have at least one role (but can have multiple ones).
- The role is a user group.
- The objective is to give access to Workspaces (Remote and/or Web), Models, Shortcuts.
- The list of roles by GBU has been defined and should not change frequently.
- For example: two users can be Sales Manager for one GBU - they will see the same workspaces, shortcuts, models... The process will be identical.

1.2 Scope

- One user needs to have one scope/perimeter only (in order to avoid conflict/blocking between several users.)
- The scope is a user group.
- The objective is to give access to a specific list of DFUs or any other dimension (depending on an aggregated level).
- The scope is changing frequently depending on the Commercial Team organization in SAP/GBU.
- For example: two users can be Sales Managers for one GBU but with two different scopes - they will be able to work on the same workspace at the same time on a different set of DFUs.

2. Security by GBU

The logic and best practices are to:

- Use exclusively User Groups “Role” to set-up Models security - no exception for user group scope;
- Set-up security at the highest level of the structure: set-up will be inherited at each disaggregated level;
- Apply “deny” when data is not used for this user role, by Models - never at a more detailed level (and in the opposite way, apply "Allow" when data is used for the user role).

If a business request can’t follow these rules, a new user group "role" needs to be created - no exception can be applied.

As explained above, security is applied based on GBU and role. Here is the summary of GBU roles list.

GBU	Data base	Role	Scope	Model security	User profile	Type of access
AROMA PERFORMANCE	DP1	Demand Planner	Zone		Global Planner	Remote
		Sales Rep.	Sales group code (WP1) Account Manager code (PF1)		Collaborator	Remote *(Migration to web in progress)*
		Global Key Account Manager	GBU Ship-To Group name/code		Viewer	Remote *(Migration to web in progress)*

NOVECARE	DP3	S&OP Manager	Windows Login + set-up by Main Shipping plant / Main Production plant	U00 - Impot - IN U99 - Export - OUT x. Supersession x. Master Tables Update x. Users Scope Management y. GBU - NOVECARE z. MTP / Commercial RoadMap z. Budget	Global Planner	Remote
		Sales Manager	Sales group code (WP1) Account Manager (PF1)	U00 - Impot - IN x. Supersession x. Users Scope Management y. GBU - NOVECARE z. MTP / Commercial RoadMap z. Budget	Collaborator	Web
		Sales Assistant (CSR - Customer Service Representative)	ZI Partner code (WP1) CSS Representative code (PF1)	U00 - Impot - IN x. Supersession x. Users Scope Management y. GBU - NOVECARE z. MTP / Commercial RoadMap z. Budget	Collaborator	Web
		Global Key Account Manager	Ship-To KA name/code	U00 - Impot - IN x. Supersession x. Users Scope Management y. GBU - NOVECARE z. MTP / Commercial RoadMap z. Budget	Viewer	Web
		RMD (Regional Market Director)	Zone and BfC Market	U00 - Impot - IN x. Supersession x. Users Scope Management y. GBU - NOVECARE z. MTP / Commercial RoadMap z. Budget	Viewer	Web

		BDM (Business Development Manager)	Zone and BfC Market	U00 - Impot - IN x. Supersession x. Users Scope Management y. GBU - NOVECARE z. MTP / Commercial RoadMap z. Budget	Viewer	Web
TS	DP1	Demand Planner	BU	F01C-1. Material: Shipto@DC U00 - Import - IN x. Supersession x. Master Tables Update y. GBU - TS z. Budget z. Classification ABC z. CRM Opportunities /Quote z. Pricing management	Global Planner	Remote
		Product Manager	Material (updated manually through data field)	F01C-1. Material: Shipto@DC U00 - Import - IN x. Supersession x. Master Tables Update y. GBU - TS z. Budget z. Classification ABC z. CRM Opportunities /Quote z. Pricing management	Collaborator	Web
		Sales Employee	Sales Employee Code	F01C-1. Material: Shipto@DC U00 - Import - IN x. Supersession x. Master Tables Update y. GBU - TS z. Budget z. Classification ABC z. CRM Opportunities /Quote z. Pricing management	Collaborator	Web

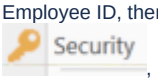
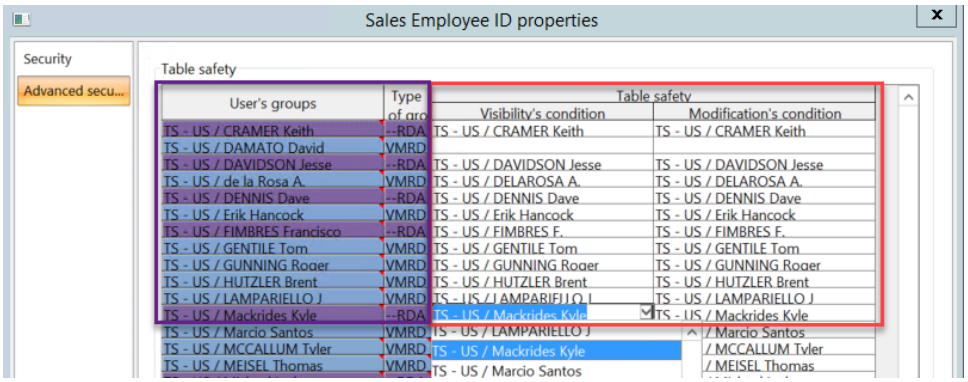
		RSD	No condition (list of Sales Rep. through users group)	F01C-1. Material: Shipto@DC U00 - Import - IN x. Supersession x. Master Tables Update y. GBU - TS z. Budget z. Classification ABC z. CRM Opportunities /Quote z. Pricing management	Collaborator	Web
		Pricing Team	Full GBU (no condition)	F01C-1. Material: Shipto@DC U00 - Import - IN x. Supersession x. Master Tables Update y. GBU - TS z. Budget z. Classification ABC z. CRM Opportunities /Quote z. Pricing management	Collaborator	Remote

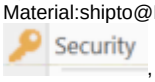
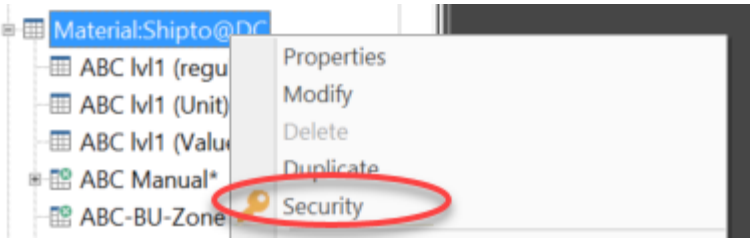
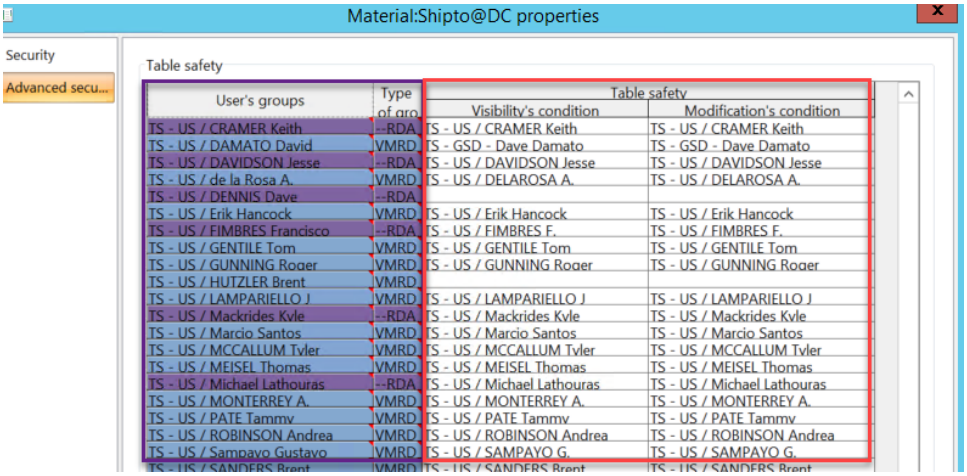
3. Examples

Here are some examples on concrete cases, raised by tickets through the years.

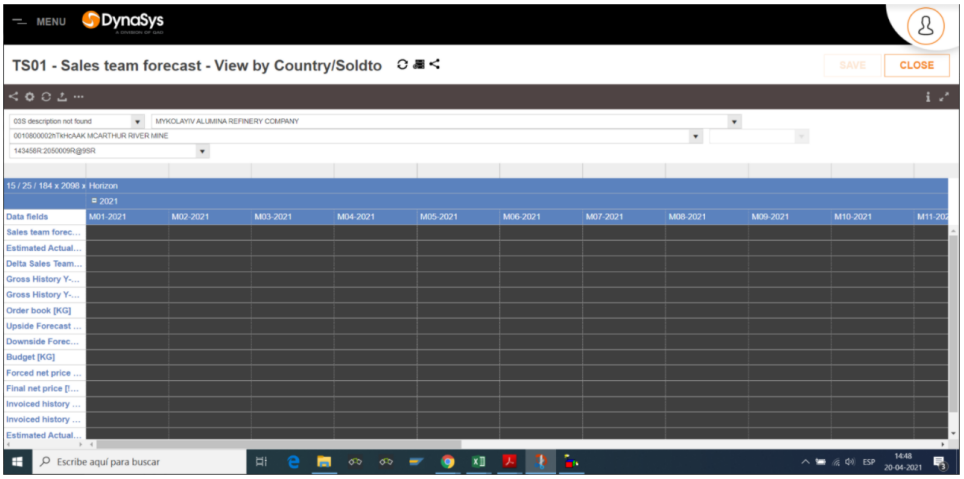
3.1 Example #1 - Simple

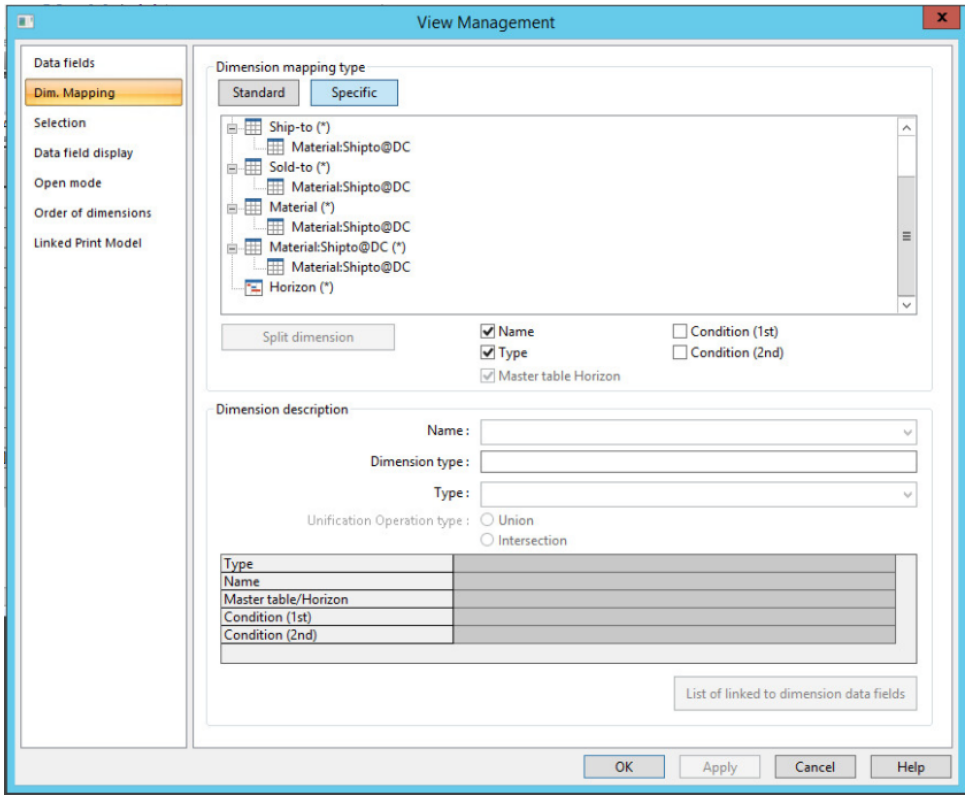
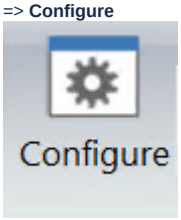
For ex: for a Sales Employee of a given GBU

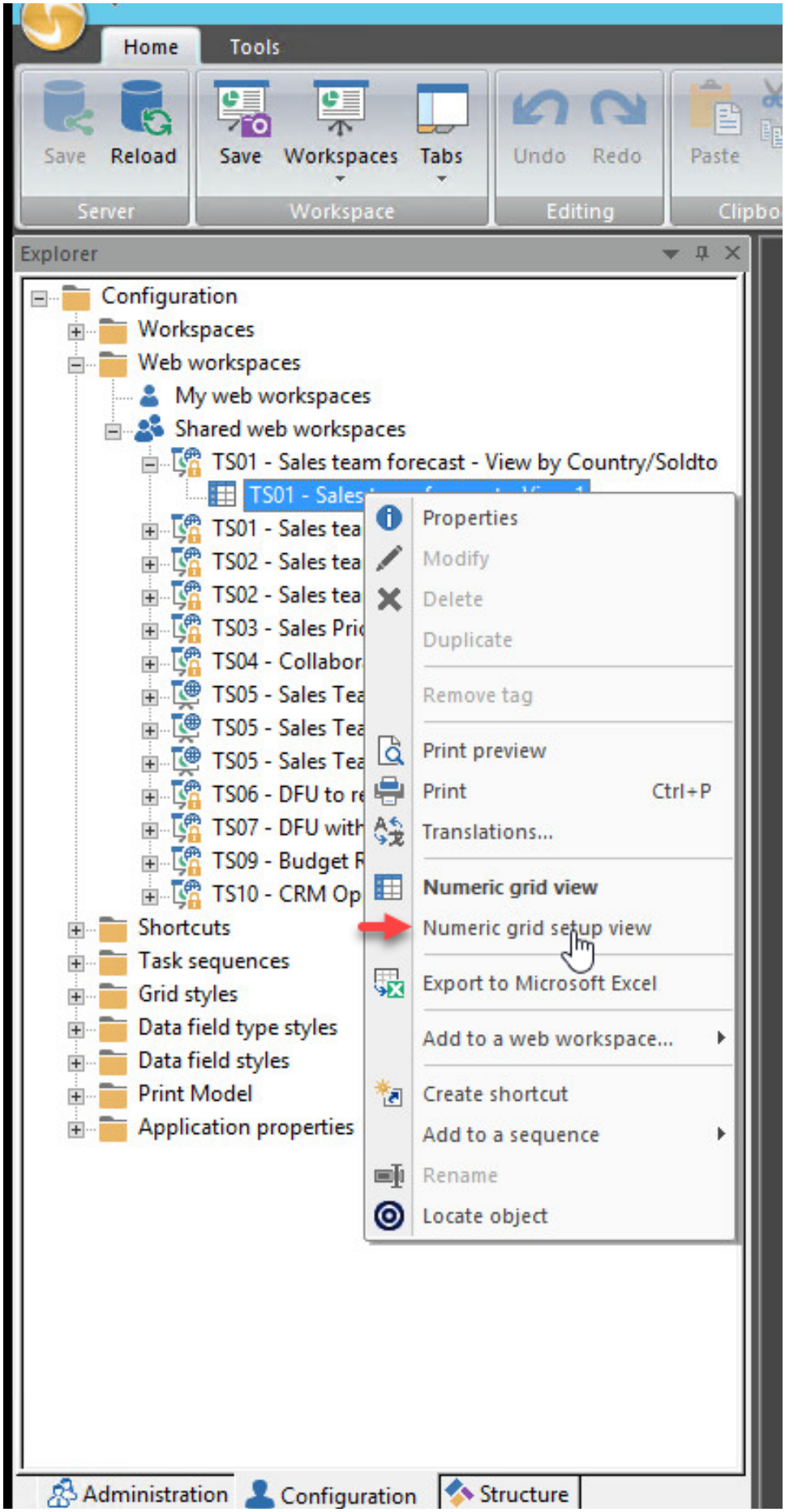
#	Description	Screenshot
1	right click the master table Sales Employee ID, then click Security  , In the **Advanced security** tab, for each user group, associate the conditions to the corresponding user groups,	

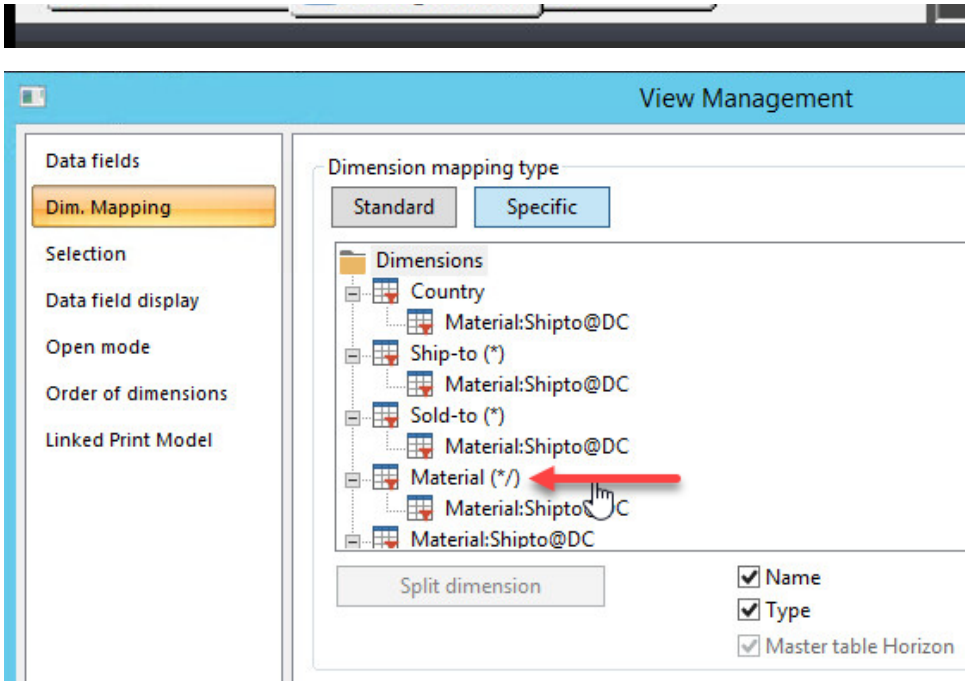
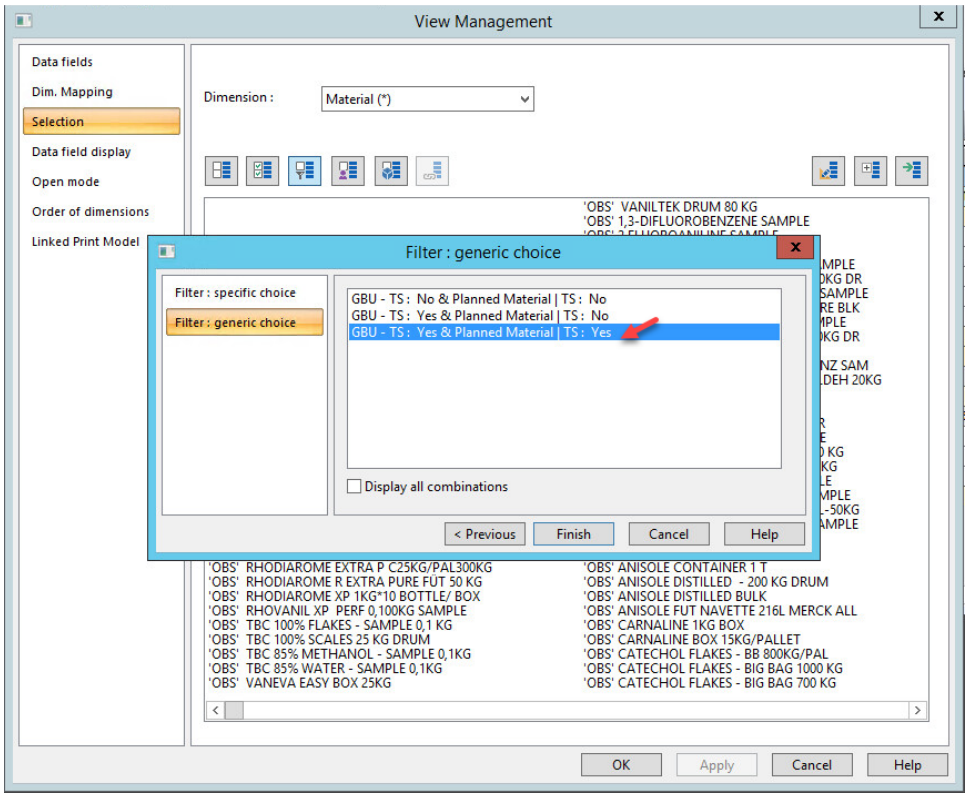
2	right click the master table Material:shipto@DC, click Security  , In the **Advanced security** tab, for each user group, associate the conditions to the corresponding user groups,	 

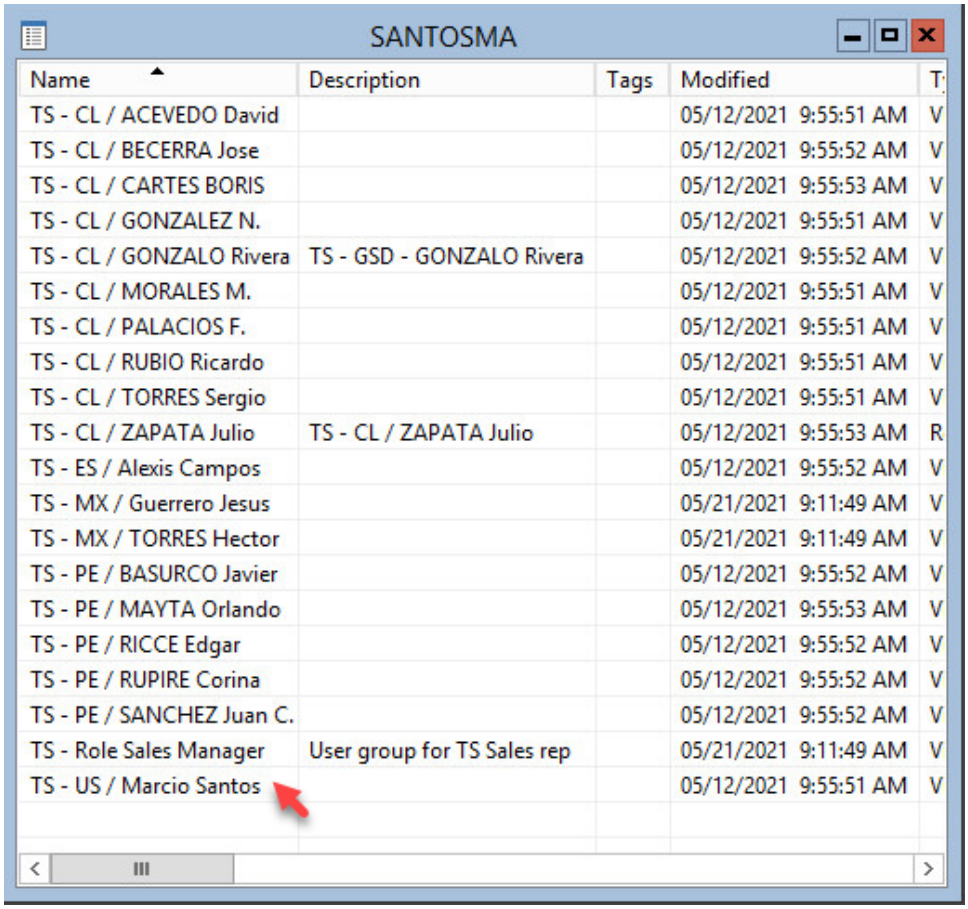
3.2 Example #2 - Complex

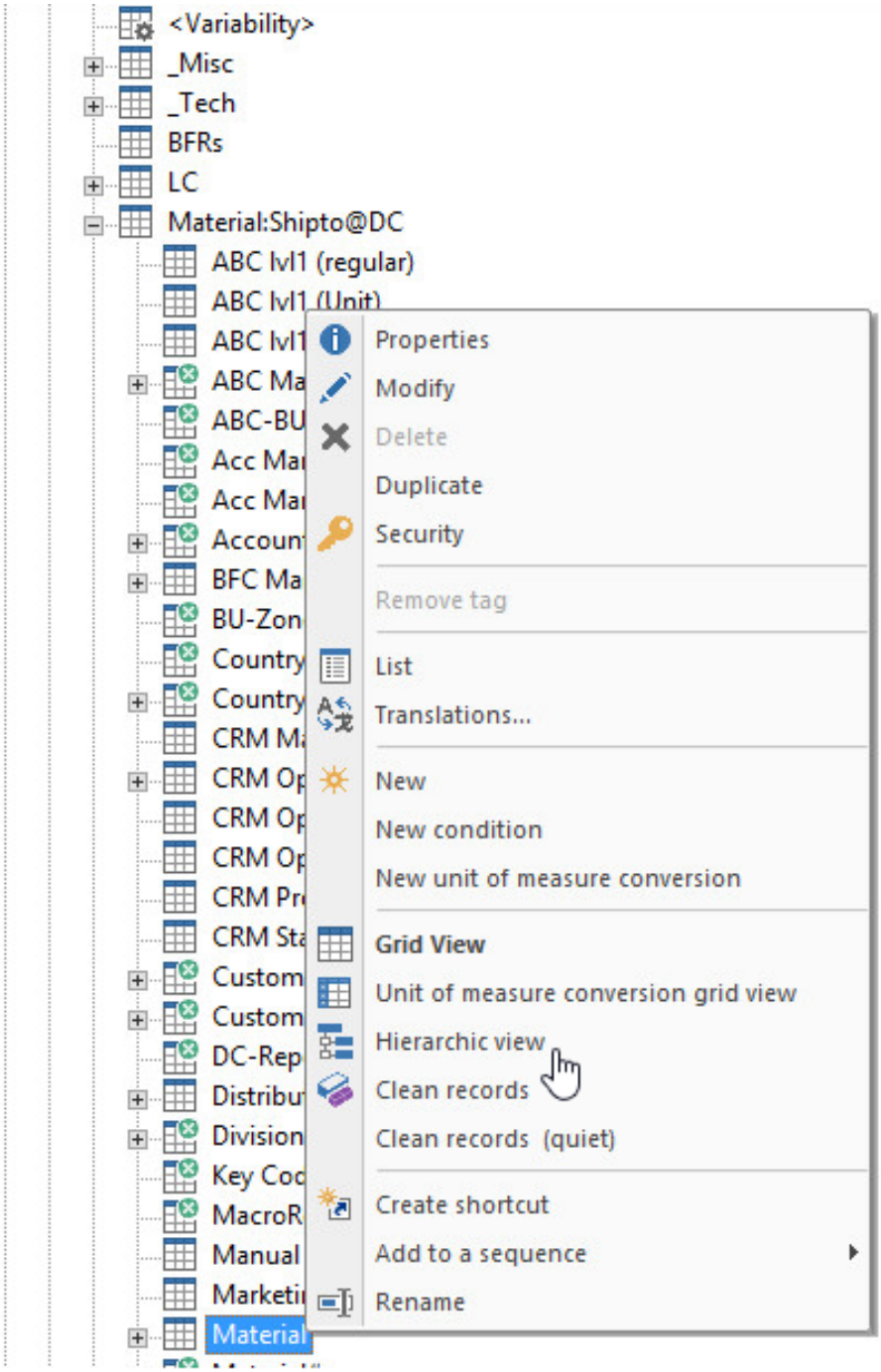
#	Description	Screenshot
Problem Reporting!		
1	user SANTOSMA all black view while open the work space,	
Trouble Shooting!		

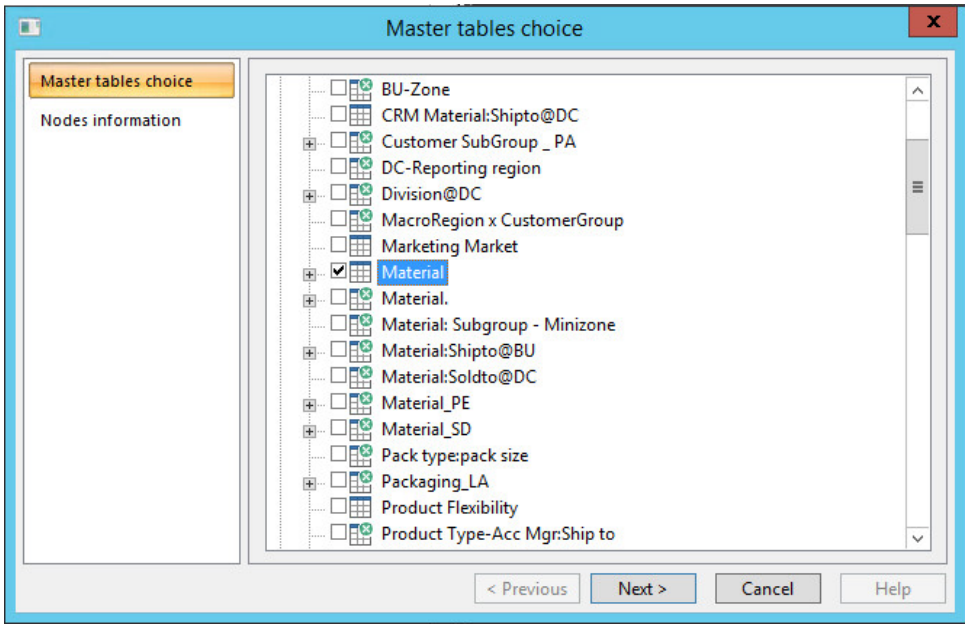
2	The grid view has a split on dimension Material:Shipto@DC into • Country • Ship-To • Sold-To • **Material** • and the original data field dimension, Material: Shipto@DC	
3	If you connect as the user into the rich client and right click => **Configure**  on the view, you can check which one is empty (the one with /) :	

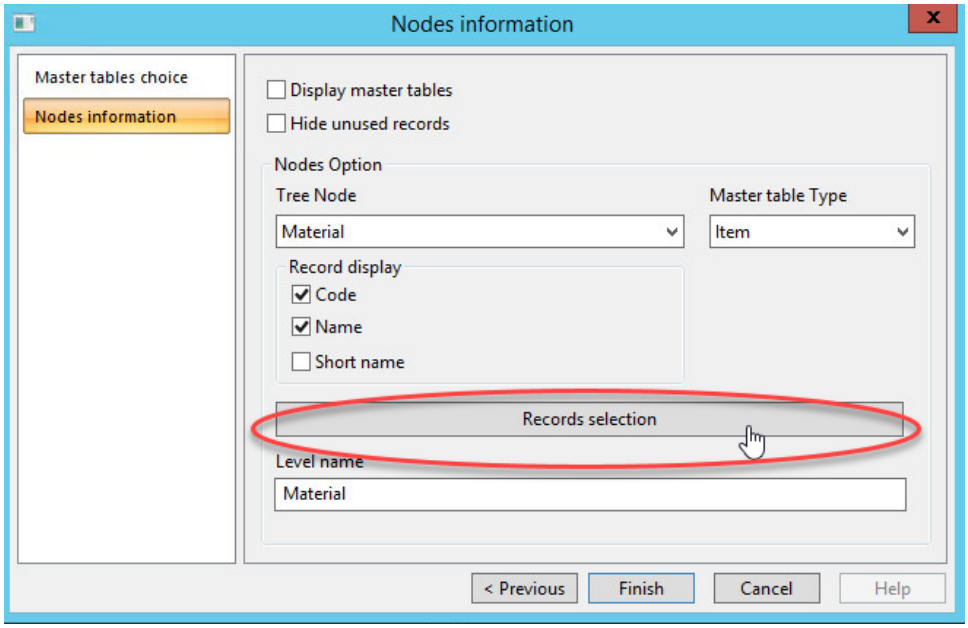

Home
Tools
Save
Reload
Server
Save
Workspaces
Tabs
Workspace
Undo
Redo
Editing
Paste
Explorer
Configuration
Workspaces
Web workspaces
My web workspaces
Shared web workspaces
TS01 - Sales team forecast - View by Country/Soldto
TS01 - Sales tea
TS02 - Sales tea
TS02 - Sales tea
TS03 - Sales Pric
TS04 - Collabor
TS05 - Sales Tea
TS05 - Sales Tea
TS05 - Sales Tea
TS06 - DFU to re
TS07 - DFU with
TS09 - Budget R
TS10 - CRM Op
Shortcuts
Task sequences
Grid styles
Data field type styles
Data field styles
Print Model
Application properties
Properties
Modify
Delete
Duplicate
Remove tag
Print preview
Print
Ctrl+P
Translations...
Numeric grid view
Numeric grid setup view
Export to Microsoft Excel
Add to a web workspace...
Create shortcut
Add to a sequence
Rename
Locate object
Administration
Configuration
Structure

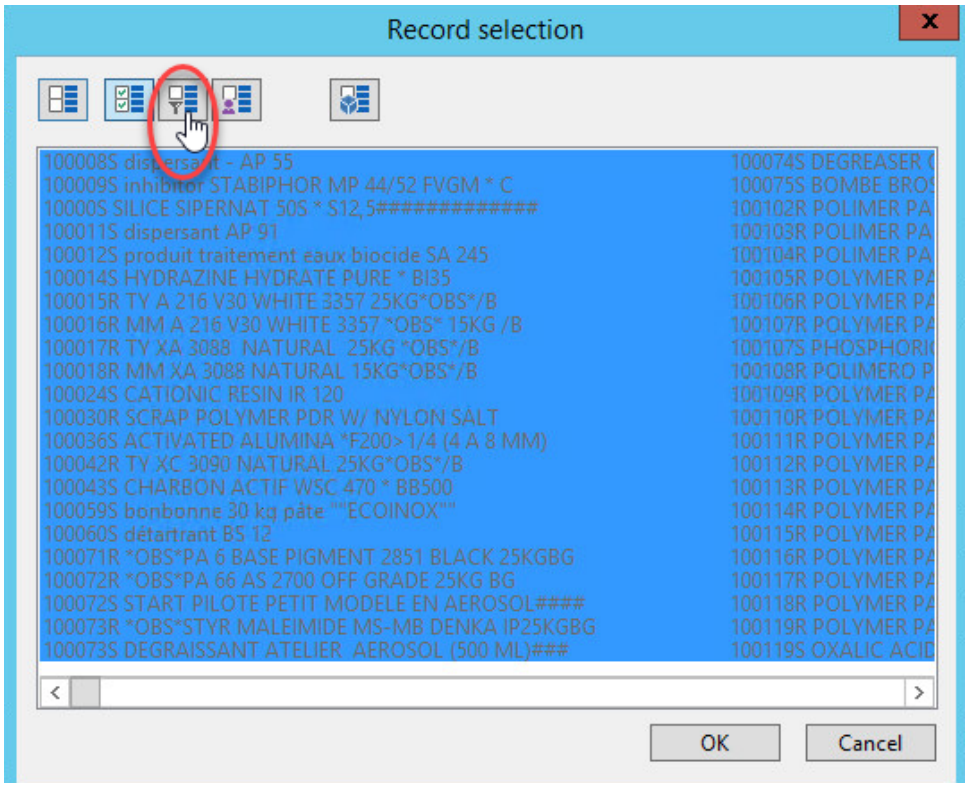
		
4	The **problem** is on Material : the view has a filter on Material, on condition 'GBU - TS: Yes & Planned Material | TS : Yes' :	

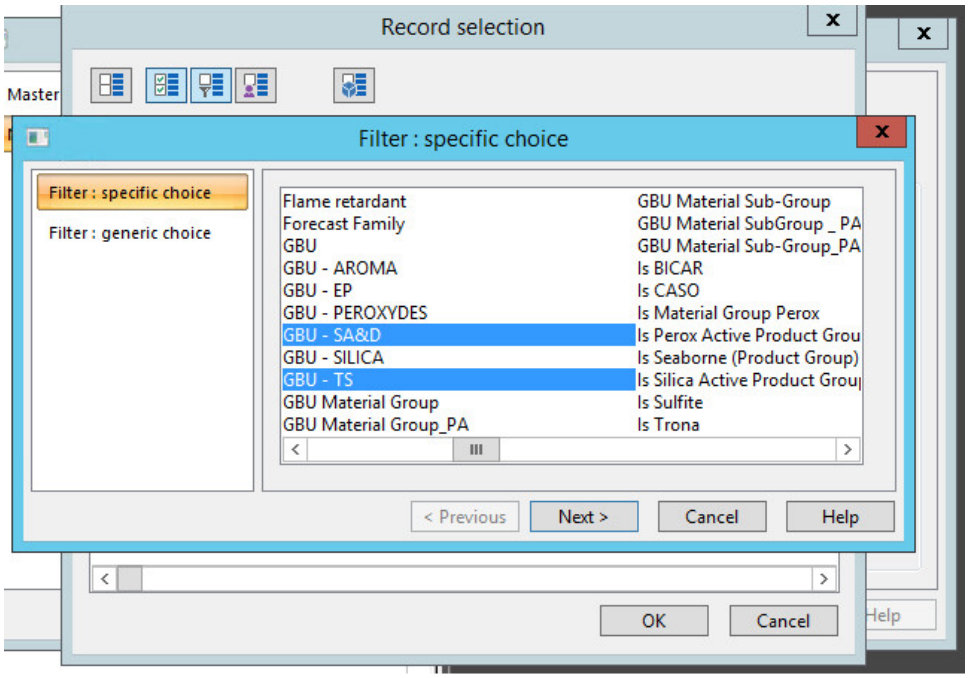
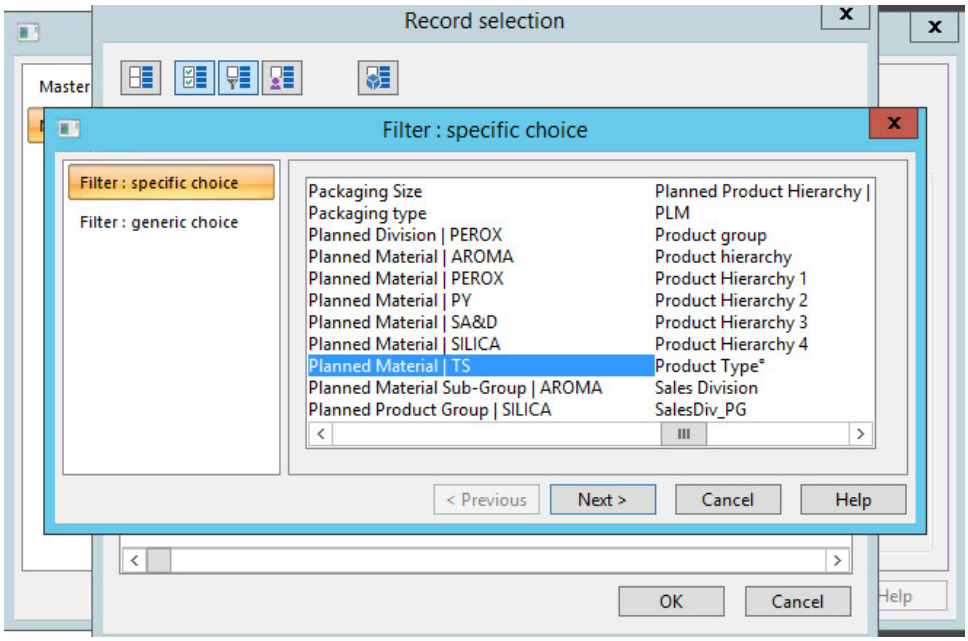
5	User belongs to those groups :	
6	The only group having a security configured on the master table 'Material' is TS - US / Marcio Santos, with the visibility condition 'GBU - SA&D' Finally, a right click => hierarchy view (with a super user account) on the master table 'Material' shows that there is no intersection between the combination of the conditions used to filter the grid and the condition of visibility :	

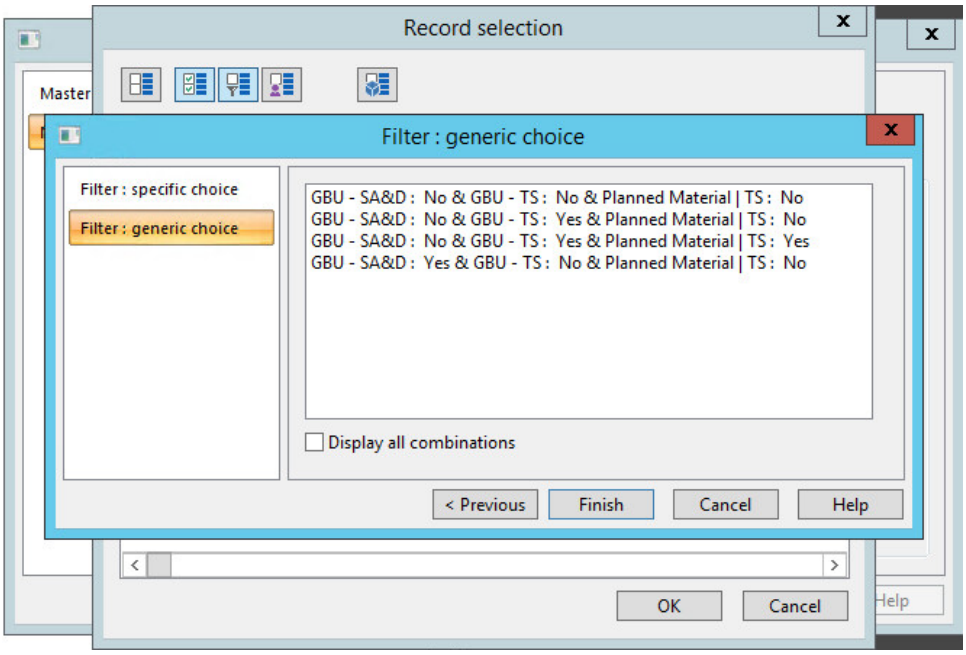
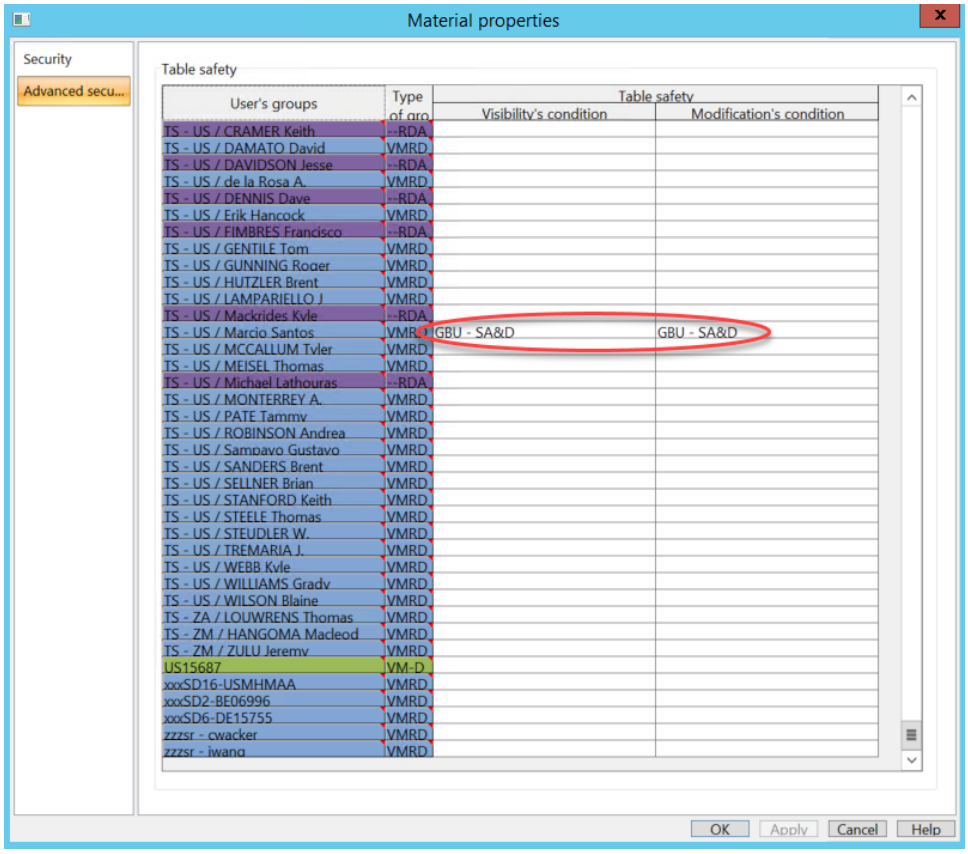

<Variability>
_Misc
_Tech
BFRs
LC
Material:Shipto@DC
ABC lvl1 (regular)
ABC lvl1 (Unit)
Properties
Modify
Delete
Duplicate
Security
Remove tag
List
Translations...
New
New condition
New unit of measure conversion
Grid View
Unit of measure conversion grid view
Hierarchic view
Clean records
Clean records (quiet)
Create shortcut
Add to a sequence
Rename


Master tables choice
Master tables choice
Nodes information
BU-Zone
CRM Material:Shipto@DC
Customer SubGroup _ PA
DC-Reporting region
Division@DC
MacroRegion x CustomerGroup
Marketing Market
Material
Material.
Material: Subgroup - Minizone
Material:Shipto@BU
Material:Soldto@DC
Material_PE
Material_SD
Pack type:pack size
Packaging_LA
Product Flexibility
Product Type-Acc Mgr:Ship to
< Previous
Next >
Cancel
Help


Nodes information
Master tables choice
Nodes information
Display master tables
Hide unused records
Nodes Option
Tree Node
Material
Master table Type
Item
Record display
Code
Name
Short name
Records selection
Level name
Material
< Previous
Finish
Cancel
Help


Record selection
100008S dispersant - AP 55
100009S inhibitor STABIPHOR MP 44/52 FVGM * C
10000S SILICE SIPERNAT 50S * S12,5##############
100011S dispersant AP 91
100012S produit traitement eaux biocide SA 245
100014S HYDRAZINE HYDRATE PURE * BI35
100015R TY A 216 V30 WHITE 3357 25KG*OBS*/B
100016R MM A 216 V30 WHITE 3357 *OBS* 15KG /B
100017R TY XA 3088 NATURAL 25KG *OBS*/B
100018R MM XA 3088 NATURAL 15KG*OBS*/B
100024S CATIONIC RESIN IR 120
100030R SCRAP POLYMER PDR W/ NYLON SALT
100036S ACTIVATED ALUMINA *F200> 1/4 (4 A 8 MM)
100042R TY XC 3090 NATURAL 25KG*OBS*/B
100043S CHARBON ACTIF WSC 470 * BB500
100059S bonbonne 30 kg pâte ""ECOINOX""
100060S détartrant B5 12
100071R *OBS*PA 6 BASE PIGMENT 2851 BLACK 25KGBG
100072R *OBS*PA 66 AS 2700 OFF GRADE 25KG BG
100072S START PILOTE PETIT MODELE EN AEROSOL####
100073R *OBS*STYR MALEIMIDE MS-MB DENKA IP25KGBG
100073S DEGRAISSANT ATELIER AEROSOL (500 ML)###
100074S DEGREASER (
100075S BOMBE BRO
100102R POLIMER PA
100103R POLIMER PA
100104R POLIMER PA
100105R POLYMER PA
100106R POLYMER PA
100107R POLYMER PA
100107S PHOSPHORI
100108R POLIMERO P
100109R POLYMER PA
100110R POLYMER PA
100111R POLYMER PA
100112R POLYMER PA
100113R POLYMER PA
100114R POLYMER PA
100115R POLYMER PA
100116R POLYMER PA
100117R POLYMER PA
100118R POLYMER PA
100119R POLYMER PA
100119S OXALIC ACID
OK
Cancel

7	select here the 3 conditions (pressing control key allows to multiple select them) :	 

8	And we can see that no material fulfills the 3 conditions :	
Fix!		
9	The problem is on **Material** : the view has a filter on Material, on condition '**GBU - TS: Yes & Planned Material | TS : Yes**' : The only group having a security configured on the master table 'Material' is TS - US / Marcio Santos, with the visibility condition '**GBU - SA&D**' To **remove** the condition '**GBU - SA&D**' in Material table associated with user group TS - US / Marcio Santos	

4. Useful documentation

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