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**GUIDELINE
to FEDAS Version 2**

**Description
and
useful examples
for Hardware**

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1 HARDWARE (PRODUCT TYPE = 1)

1.1 ACTIVITY (AC) HARDWARE

Generally all Product Type can contain the same activities. For the time being, the numbers of activities are limited to 99.

1.2 PRODUCTS MAIN GROUP (PMGR.), GENERAL COMMENTS

1.2.1 DIFFERENT PRODUCT MAIN GROUPS WITHIN HARDWARE (PMGR. 01 –69)

The Codes of the Product Main Groups within the range from 01 to 69 are only unique **within** the single AC.

1.2.2 FIXED PRODUCT MAIN GROUPS WITHIN HARDWARE (PMGR. 70 –99)

The Codes of the PMG ranging from 70 to 99 are reserved for fixed PMG. This means, that the PMG is only used for the same PMG for all activities within Hardware.

Example:

Balls, bowls and pucks are explicitly assigned to the PMG 88. This PMG isn't used for anything else within the Product Type Hardware. (the PMG. text stays the same for all AC's)

Fix Product Main Group Hardware

70=	C arvi ng-Dr oss Count y/ Tour ski a dSnow board s
71=	S ets
72=	T eem akski / Snow deck
73=	P oes/ R acket
74=	B ndi ngs
75=	P at ebi ndings / bndi ngaccessor es
79=	R ol ski / Fanat cel
83=	L eisur ebags
84=	B ag/ sm al bag
85=	G of - / bkebags
86=	B ot l e
87=	M at s/ Mat t esses
88=	B al s
89=	B ags
90=	R ucksacks
91=	C oves
92=	H elm ets/ Face pot ect bn
93=	S hin guad s
94=	G asses
95=	W at ches/ M asur i ng- / seach equipm ent
96=	C ae , Tool s, epai r
97=	L t eat urem ovi e et.
98=	S hoeaccessor es
99=	A ccessor es, Devces -> Thecode 99is also usedi nt hecor respondi ngtext e pod uct g oup.

This applies for all HW Activities

The PSG of each respective fixed PMG were structured as sensibly as possible in similar way.

1.3 PRODUCT SUB GROUPS (PSGR), GENERAL COMMENTS

1.3.1 FIXED PSGR

1.3.1.1 PSGr = 0

The PSG „Zero“(0); is only used for “various” products of the corresponding PMG. That means that all products which cannot be allocated to one of the other PSG will be assigned to SUG zero.

PSG „Zero“(0) will never be used for any other PGR.

Attention: not to be confused with PSG 9 “Accessories”.

1.3.1.2 PSGr = 9

The PSGr. „Nine“ (9) is only used for „Accessories“ of articles of the corresponding PMG, that means for articles of the individual PSGR. of the corresponding PMG. PSGR. 9“ is never used for other PGR. Accessories, which don't correspond to any PMG but to the AC, are assigned to the PMGr 99.

1.3.2 HARDWARE MULTISPORT

1.3.2.1 1.00.95 = Clocks and measuring instruments

PSGr. 0 = Various

PSGr. 1 = Sports watches

If the sports watches are equipped with additional features/functions the following PSGR. applies:

PSGr. 2 = Altimeter

- a) (Sports) watch + Altimeter
- b) Only Altimeter

PSGr. 3 = Compass

- a) (Sports) watch + Compass
- b) Only Compass

PSGr. 4 = Multifunction Device

must complete at least two of the following criteria:

- > Pulse measurement
- > Height measurement
- > Compass
- > Wind speed

PSGr. 5 = Stopwatch

only Stopwatch

PSGr. 6 = Pulse Meter

- a) (Sports) watch + Pulse
- b) Only pulse measurement

PSGr. 7 = Pedometer

PSGr. 8 = Measuring bars and tapes

PSGr. 9 = Accessories

1.3.2.2 1.00.89 = Bags

This product main group has been structured as follows:

- PSGr. 0 = various.
- PSGr. 1 = Sports bags
- PSGr. 3 = Team Bags
- PSGr. 4 = Coach bags/ suitcases
- PSGr. 5 = Ball bags / Ball nets
- PSGr. 6 = Goalkeeper glove bags
- PSGr. 8 = Waterproofed bags
- PSGr. 9 = Accessories

Under PSGR. 8 = the so called “dry sacks” are assigned.

1.3.3 DISHES

Following PSGr. Exist in the PMGr Dishes:

<u>PSGR..</u>	<u>Short description</u>
PSGr. 0 = various	All other utensils not mentioned in the PSGr.
PSGr. 1 = Cooking dishes	Pots / Kettles / Pans sold in sets
PSGr. 3 = Cutlery	
PSGr. 4 = Beakers/Cups	
PSGr. 5 = Plates	Plates and other eating utensils
PSGr 6 = Pots / Kettles	
PSGr 7 = Pans	
PSGr 8 = Storage bins	
PSGr 9 = Accessories	Pan handle etc.

1.3.4 SHOE ACCESSORIES

All kinds of shoe accessories are assigned under FEDAS 1.00.98.x.
The Product Sub Groups were structured as following:

- PSGr 0 = Various
- PSGr 1 = Insoles
- PSGr 2 = Press
- PSGr 3 = Shoe bags
- PSGr 4 = Care products
- PSGr 5 = Shoelaces
- PSGr 6 = Spare Parts / Buckle
- PSGr 7 = Studs / Spikes/ Ice claws
- PSGr 8 = Antiskid devises

1.4 SPECIAL INFORMATION ON EACH PRODUCT CLASSIFICATION KEY

1.4.1 GLOVE

Gloves are in general allocated the Product Type 'Textile', only the gloves of following AC's are assigned under the product type Hardware:

- AC 08 = Ice hockey
- AC 32 = Football (only Goalie gloves, Player gloves = Textile Multisport → 2.00.04.x)
- AC 37 = Baseball
- AC 80 = Boxing

1.4.2 KIT BAGS

Kit bags are allocated to 1.xx.83.0 "Leisure bags"

1.4.3 TENNIS SUITCASE / TENNIS BAGS

Tennis suitcases / Tennis bags are newly assigned under 1.24.89.2

1.4.4 PROTECTING GEAR / SETS

All types of protecting gear are assigned under 1.xx.93.1-9. Also Protection gear / Sets can be found under 1.xx.93.0.

1.4.5 SETS

PMG 71 is reserved for Sets: Under Sets we understand a combination of two or more products (generally from different models) for example table tennis-Set = Racket + Cover + 3 Balls, which is purchased and sold as one Unit.

1.4.6 SLIDING SHOES / SNOW SLIDER

Under sliding shoes we understand a kind of ski, which is about as long as the foot of the user and is adjustable with belts on the shoe (see picture). This article is assigned under the FEDAS Code 1.01.72.7.



1.4.7 MATTRESSES

All Mattresses are assigned to the PCK 1.67.87.x. Exceptions are:

- 1) PVC – Swimming – Mattresses are assigned under 1.15.10.7.
(Mats only meant to used on the „Beach“)

General assignments:

- * Straw mats are classified under 1.67.87.0
- * Canvas air mattresses are classified under 1.67.87.0 and air beds under 1.67.87.6

See detailed descriptions of the PSGr.:

PT / EB	PMGr.	Description	PSGr.	Description	Description
1.67.	87	Mats / Mattresses	0	various	All Mats / Mattresses that are not mentioned under another PSG.
			1	Self inflatable mats	Mats with closable valves, which automatically inflates upon opening.
			2	ISO.mats	Are mats which are made out of a special material and insulates against the cold, but are not self inflatable. They are generally used for camping.
			3	Alu-mats	Same as PSG 2, but with one side covered with Aluminium for improved insulation.
			4	Air mattresses (light)	Inflatable light air mattress made out of Nylon (like normal air mattresses), several separate compartments, which can be inflated through an individual valve (security). Light mattresses with low weight and compressed for hiking.
			5	Air mattresses(PVC)	Inflatable mattress made out of PVC with individual chambers – amount other things mainly used for tanning. Predominantly used in the activities camping and swimming.
			6	Air mattress (fabrics/beds)	Inflatable mattress, the fabric is mostly Nylon. Compared to items allocated to PSG 1 this item is not self inflatable and the mattress is higher than 5 cm.
			7	Hammocks	
			8	Seat mats	Are self inflatable or like insulation mattresses, but in the shape of a floor cushion.
			9	Accessories	Various accessories related to the above listed PSGs.

1.4.8 RUCKSACKS

In the range of backpacks / rucksacks we work with different expressions. In the following table we have described in more details each of the PSGs:

PT and AC	PMGr.	Title	PSGr.	Title	Description
1.64.	90	Rucksacks	1	Day bags	Here the small backpacks, whose main pocket can only be closed with one zipper and which can have outside pockets and a carry handle, are subordinated. Mostly this backpack is used for smaller trips, short walks.
			2	Day packs (m/Deck.<45 L)	This PSG is used for all those backpacks, whose main compartment is closed with a top cover and which mostly have several smaller or larger outside pockets (can be closed with a zipper). Mostly they also have a strap for walking sticks.
			3	Trekking packs (>45 L)	These backpacks also have a cover to close the main compartment and outside pockets. In addition various accessories can be attached with straps on the outside of the backpack attached (sleeping bag, tent, etc.). This PSG is reserved only for backpacks with a volume larger than 45L.
			4	Climbing packs	Same as PSG 3, but with hardly any outside pockets. Instead it is equipped with mechanism for carrying special climbing items pick, climbing axe, climbing irons, crampons, etc.
			5	Frame packs	Same as PSG. 3 but a bit bigger. The special about this type of rucksack is that it is equipped with a frame which stabilizes the backpack.
			9	Accessories	Various accessories for the above mentioned PSG.

1.4.9 TENTS

Detailed description of the PSGr.:

PT und EB	PMG.	Title	PSGr.	Title	Description
1.67.	01	Tents	0	various	All tents that are not mentioned in any other PSG.
			1	Alpine tents	Tents especially developed for high alpine tours. Special features are the snow lobes (placed on the bottom edge of the tent), which prevent the drifting snow between inner and outer section of the tent.
			2	Trekking- / light tents	Tents which were developed for various outdoor activities and which are very light and easy to transport.
			3	Camping tents	Tents which are heavier than the trekking tents and are specially made for campsites (up to 5 persons)
			4	Family tents	Identical to the camping tents but they have a head room of 1.8m and are used by families & bigger groups.
			5	Frame (Bungalow) tents	The "traditional" family tents, which is known for its steep sloping walls. Convenient for use on campsites.
			8	Children tents	Tents for children

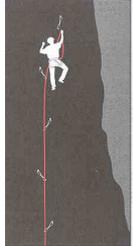
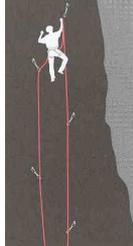
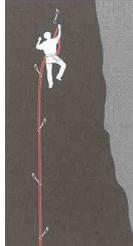
1.4.10 WEATHER / VISUAL PROTECTION

Detailed description of the PSGr.:

PT / AC	PMGr.	Title	PSGr.	Title	Description
1.67.	02	Weather/Visual protection	0	various	All Weather and visual protection that is not mentioned in any other PSG
			1	Canopies / Front tents	Tent extensions (Front roof/shelter for tent, Mobile homes, etc.)
			2	Rain roof	Gable Roof with independent poles and fixations (without sidewalls).Which gives shelter against rain.
			3	Pavillons	Covers which in general have square form with very stable corner poles (without fixed sidewalls). These pavilions are in general used for fixed installations. Often used for garden parties etc.
			4	Sun traps	Is a shelter in the form of a triangle fixed with the help of straps and poles (protects against rain and sun),
			5	Beach tents	This PSG is used for items which help to give shade and is generally used on the beach – material is normally textile fabrics.
			6	Sight protections	Transparent plastic, which protects against rain but has no influence on the view.
			8	Accessories	Various Accessories to above mentioned PSG.

1.4.11 MOUNTAIN ROPES

Here you will find a detailed description of the different rope types:

PT und AC	PMGr.	Title	PSGr.	Title	Description
1.64.	40	Mountain ropes	0	Various ropes	All ropes that are not mentioned in the other PSG.
			1	Single ropes	<p>The single ropes are ropes used in a single string and are linked in the security concept to catch up in case of a downfall. Single ropes can be used in all mountain sports.</p> 
			2	Double/twin/half ropes	<p><u>Double-/half ropes</u> In terms of their strength they are ranked in between single and twin ropes.</p>  <p><u>Twin ropes</u> Twin ropes are only used in double string and always hooked up at each joint security step. This type of rope is generally used for high mountain climbing and extreme hiking where fallback points are required.</p> 
			5	Reep ropes	<p>Reep ropes are in general shorter versions of climbing ropes. They are used for rappelling, climbing and for work with cable cars and rope-ways. This type of rope endures high charge and is very credible. Reep ropes should never be used for pioneer activities, to avoid unnecessary abrasions and damages.</p>
			9	Accessories	<p>Various Accessories for above mentioned PSG.</p>