

Mercateo Requirements for BMEcat 1.2

Mercateo AG

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Overview of Mercateo's criteria for BMEcat 1.2

To have an impact on the customer's buying decision, it is recommended to complete all attributes of the BMEcat standard.

Example of a Product view:

2. AVM FRITZ!Box 2170 (USB x 1, LAN x 4) - Router + 4-Port-Switch
(Weitergeleitet von Suche „20002366“)

4. Produktinformationen

1. Artikel-Nr.: C480-20002366
11. Hersteller: **AVM**
12. Herst.-Nr.: 20002366
10. EAN/GTIN: 4023125023668

7. Menge: 1 Stück

13. Die besten Konditionen aller 22 Angebote im Überblick¹

Lieferzeit	Lagerstand	Preis
min. 1 Tag	● auf Lager	ab € 63,82 ²

Preis gilt ab 20 Stück.

4.1 Konditionen selbst auswählen

Artikel empfehlen Artikel merken

6. Staffelpreise

Bestellmenge	Netto	Brutto	Einheit
1 Stück	€ 68,76*	€ 81,82	pro Stück
ab 2 Stück	€ 66,25*	€ 78,84	pro Stück
ab 5 Stück	€ 64,49*	€ 76,74	pro Stück
ab 10 Stück	€ 63,99*	€ 76,15	pro Stück
ab 20 Stück	€ 63,82*	€ 75,95	pro Stück

3. FRITZ!Box 2170 (USB x 1, LAN x 4) - Router + 4-Port-Switch

Artikelinfos:

FRITZ!Box bietet alles, was Sie für schnelles und sicheres DSL-Surfen und Mailen mit einem oder mehreren PCs brauchen. Die TÜV-geprüfte Firewall sorgt für Sicherheit im Internet, und mit dem Online-Zähler behalten Sie Ihr DSL-Budget jederzeit im Blick. Ihre Computer und andere internetfähige Geräte - z.B. Spielekonsolen wie X-Box oder Playstation - verbinden Sie per USB- oder Netzwerkkabel mit Ihrer FRITZ!Box.

FRITZ!Box auf einen Blick:

- Leistungsfähiger Router mit integriertem DSL-Modem
- Einfache Bedienung über Browser-Oberfläche
- Anschluss für USB-Zubehör wie Drucker und Festplatten
- Firewall für umfassende Sicherheit
- Anschluss von Computern über einen USB- und bis zu vier LAN-Anschlüssen
- Weitere Computer über Switch/Hub anschließbar

FRITZ!Box Details:

- DSL-Router mit DHCP-Server, IP-Masquering/Network Address Translation
- Integriertes Modem, unterstützt DSL und ADSL2+
- Anschluss für USB-Zubehör wie Drucker und Massenspeicher (maximal 2 USB-Massenspeicher und 1 USB-Drucker, oder 3 USB-Massenspeicher); Massenspeicher-Freigabe im LAN und Internet
- Stateful Packet Inspection Firewall, sichere Portfreigabe für eigene Server-Angebote
- Bandbreitenmanagement DSL Traffic Shaping ermöglicht gleichzeitigen Down- und Upload mit voller DSL-Geschwindigkeit
- Geräte-Abmessungen 160 x 122 x 31 mm, Tisch- oder Wandmontage möglich
- Durchschnittliche Leistungsaufnahme: 5 Watt (FRITZ!Box 2170)

FRITZ!Box Lieferumfang:

- FRITZ!Box zum Anschluss an DSL
- 4 m langes DSL-Anschlusskabel (RJ-45)
- 1,5 m langes LAN-Kabel
- Externes Netzteil
- CD-ROM mit Installations- und Anwendungssoftware
- Gedruckte deutschsprachige Installations-Anleitung

8. Weitere Suchbegriffe: FritzBox, WLAN Router, FRITZ!Box, Fritz!Box Fon, Fritz!Box Fon WLAN, Fritz!, Fritz, Fritzbox, Fritz!Box ISDN, Router, VPN

9. Zubehör: Alternative Artikel, Sonstiges

Folgende sonstige Artikel führen wir in unserem Sortiment:

Art	Bild	Artikel	Hersteller-Nr.	Preis
Sonstiges		EFB-Elektronik	EFB-Elektronik k8456.5	ab € 1,52*
Sonstiges		EFB-Elektronik	EFB-Elektronik k8456.10	ab € 2,33*
Sonstiges		EFB-Elektronik	EFB-Elektronik k8456.2	ab € 0,71*

1. ¹Wichtiger Hinweis
Die hier angegebenen Konditionen sind die jeweils bestmöglichen Werte für dieses Produkt. Die tatsächlich erreichbaren Werte können davon abweichen.

Warum ist das so?
Mercateo bezieht die Waren von unterschiedlichen Lagern mit jeweils unterschiedlichen Stärken:

- Ein Lager hat alles verfügbar, ist aber zum Beispiel teurer als andere.
- Ein zweites Lager liefert sehr günstig, ist aber möglicherweise etwas langsamer.
- Ein drittes Lager liefert Kleinmengen, aber dafür mit höheren Versandkosten.
- Ein viertes Lager hat große Mengen sehr günstig, aber leider höhere Mindestbestellwerte.
- usw.

Vorteilhaft für Sie
Mercateo berechnet die optimalen Beschaffungsquellen nach jeder Änderung der Artikelauswahl neu. Sie können für Ihren Warenkorb auch eigene Wünsche festlegen (z.B. schnellere Lieferzeit oder günstigster Preis).
Die endgültigen Konditionen (Preis, Lieferzeit, Versandkosten, usw.) können daher erst im Warenkorb angezeigt werden.

* Preise mit Sternchen sind Nettopreise zzgl. MwSt. / UVP bedeutet "Unverbindliche Preisempfehlung"

Unser Angebot richtet sich ausschließlich an Unternehmen, Gewerbetreibende und Freiberufler.

[Service & Hilfe](#) [Presse](#) [Stellenangebote](#) [AGR](#) [Impressum](#)

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No.	Attribute	Mandatory field	BMEcat tag
1	Product number	Yes	<SUPPLIER_AID>
2	Product description	Yes	<DESCRIPTION_SHORT>
3	Long description of product	Yes	<DESCRIPTION_LONG>
4	Product images	Yes	<MIME>
4.1	Product data sheets		<MIME>
5	Order details	Yes	<ARTICLE_ORDER_DETAILS>
6	Product price	Yes	<ARTICLE_PRICE>
7	Delivery time	Yes	<DELIVERY_TIME>
8	Keywords (search terms)		<KEYWORD>
9	Reference products		<ARTICLE_REFERENCE>
10	EAN / GTIN number	Yes	<EAN>
11	Manufacturer name	Yes	<MANUFACTURER_NAME>
12	Manufacturer ID	Yes	<MANUFACTURER_AID>
13	Availability		(does not come from the BMEcat)

AVM FRITZ!Box 2170 (USB x 1, LAN x 4) - Router + 4-Port-Switch
(Weitergeleitet von Suche „20002366“)

Produktinformationen



Artikel-Nr.: C480-20002366
Hersteller: AVM
Herst.-Nr.: 20002366
EAN/GTIN: 4023125023668

[Artikeldatenblatt](#)
[Sicherheitsdatenblatt](#)

Suchbegriffe:
 DSL Modem
 DSL Router

FRITZ!Box 2170 (USB x 1, LAN x 4) - Router + 4-Port-Switch

Artikeldetails:

FRITZ!Box bietet alles, was Sie für schnelles und sicheres DSL-Surfen und Mailen mit einem oder mehreren PCs brauchen. Die TÜV-geprüfte Firewall sorgt für Sicherheit im Internet, und mit dem Online-Zähler behalten Sie Ihr DSL-Budget jederzeit im Blick. Ihre Computer und andere internetfähige Geräte - z.B. Spielekonsolen wie X-Box oder Playstation - verbinden Sie per USB- oder Netzwerkabel mit Ihrer FRITZ!Box.

FRITZ!Box auf einen Blick:

- Leistungsfähiger Router mit integriertem DSL-Modem
- Einfache Bedienung über Browser-Oberfläche
- Anschluss für USB-Zubehör wie Drucker und Festplatten
- Firewall für umfassende Sicherheit
- Anschluss von Computern über einen USB- und bis zu vier LAN-Anschlüssen
- Weitere Computer über Switch/Hub anschließbar

FRITZ!Box Details:

- DSL-Router mit DHCP-Server, IP-Masquerading/Network Address Translation
- Integriertes Modem, unterstützt DSL und ADSL2+
- Anschluss für USB-Zubehör wie Drucker und Massenspeicher (maximal 2 USB-Massenspeicher und 1 USB-Drucker, oder 3 USB-Massenspeicher), Massenspeicher-Freigabe im LAN und Internet
- Stateful Packet Inspection Firewall, sichere Portfreigabe für eigene Server-Angebote
- Bandbreitenmanagement DSL Traffic Shaping ermöglicht gleichzeitigen Down- und Upload mit voller DSL-Geschwindigkeit
- Geräte-Abmessungen 160 x 122 x 31 mm, Tisch- oder Wandmontage möglich
- Durchschnittliche Leistungsaufnahme: 5 Watt (FRITZ!Box 2170)

Menge: Stück [In Warenkorb legen](#)

Angebote (22)	Lieferzeit	Versand	Staffelpreis	Einzelpreis
Lager 577	2 Tage	€ 7,90*	ab € 63,82*	€ 68,76'
Lager 752	30 Tage	€ 8,00*	ab € 66,00*	€ 70,88'
Lager 128	1 Tag	Frei Haus	ab € 66,08*	€ 70,94'
Lager 375	1 Tag	€ 2,69*	ab € 66,63*	€ 71,47'
Lager 643	1 Tag	€ 4,95*	ab € 67,14*	€ 71,97'

Angebote: 5 10 Alle [Weitere Konditionen anzeigen](#)

Menge: Stück [In Warenkorb legen](#)

[Konditionen vorschlagen lassen](#)

[Artikel empfehlen](#) [Artikel merken](#)

5.

Preise von Lager 128

Bestellmenge	Netto	Brutto	Einheit
1 Stück	€ 70,94'	€ 84,42	pro Stück
ab 2 Stück	€ 68,51*	€ 81,53	pro Stück
ab 5 Stück	€ 66,74*	€ 79,42	pro Stück
ab 10 Stück	€ 66,24*	€ 78,83	pro Stück
ab 20 Stück	€ 66,08*	€ 78,64	pro Stück

Lagerstand von Lager 128

Lassen Sie sich detailliertere [Lagerstands-Informationen](#) anzeigen.

Versand von Lager 128

Bestellwert	Versand
ab € 0,00	Frei Haus

Rückgaberechte für diesen Artikel von Lager 128

Dieser Artikel ist von der Rückgabe ausgeschlossen.
Die Gewährleistungsfrist laut AGB der Mercateo AG bleibt unabhängig der angegebenen Rückgaberechte bestehen.

The quality of the catalogue and the BMEcat will influence the positioning of your products in the search results and therefore also influences turnover!

1. Product number

<SUPPLIER_AID>...</SUPPLIER_AID>

Explicit: product number

Advice:

- Max. 12 digits
- The number should only be used once in the catalogue
- Special characters like comma, & and # are not allowed to be used

Please Note:

BMEcat 1.2 uses and requires the term "ARTICLE" each time a reference is made to a product, hence <SUPPLIER_AID> instead of <SUPPLIER_PID>. In later BMEcat versions this changed, however, Mercateo uses BMEcat 1.2.!!!

2. Brief product description

<DESCRIPTION_SHORT>...</DESCRIPTION_SHORT>

Explicit description or name of product

Advice:

- Max. 80 characters will be shown, min. 10 characters are requested
- Making a difference to comparable products, the concrete determination to other products and special characters like size, colour will strength sales activities

3. Long description of product

<DESCRIPTION_LONG>...</DESCRIPTION_LONG>

Explicit description of products with precise information concerning character, scope of delivery and other attributes (max. 64000 characters).

Advice:

- Take care of spelling.
- Use engineer standards, DIN- and ISO- information and belongings.
- Take care of completeness, a self-explaining description is important.
- use the usual attributes with appropriate dimension units:

Size: → Size in cm: or height in cm:
Height x Width x Depth: → HxWxD in mm: or Height x Width x Depth in mm
Colour: → colour name:
Diameter → Ø in mm: or diameter in mm:

- Give no information about packaging unit. The accordant values are to be put in TAG <ORDER_UNIT>...</ORDER_UNIT> and <CONTENT_UNIT>...</CONTENT_UNIT>.
- A structure for example in paragraphs or lists will increase the readability and the quick capture of important criteria's for the customer ("criteria of the first view")

Advice:

Forbidden are HTML-Tags that will actively influence the Mercateo-Layout for example

- No charts or links
- No <BODY> Tag

Characteristics:

- To display characteristics of the product you should use the BMEcat element ARTICLE_FEATURES (view [Features](#) or BMEcat specification 1.2 – from page 75) as well, which is shown in the field product description at Mercateo.

Use the following HTML – Tags to format your product data:

...	TAG-content will be shown bolt
<I> ...</I>	TAG-content will be shown cursive
<P>...</P>	Paragraphs
 	Breaks
...	Display of the list

To use the HTML commands the character „<“has to be masked in the long description of products (look at chart - illegal XML characters).

Example:

Coding for illegal XML characters	XML – Escape -Sequence
"	" or "
&	& or &
<	< or <
>	> or >

4. Product information: Images

<MIME_INFO>

Formats at Mercateo:

JPEG-files <MIME_TYPE>**image/jpeg**</MIME_TYPE>

GIF-files <MIME_TYPE>**image/gif**</MIME_TYPE>

Describes the format of the file that displays additional information for a product

Extraction BMEcat:

```

<MIME_INFO>
<MIME>
<MIME_TYPE>image/jpeg</MIME_TYPE>
<MIME_SOURCE>charlie1.jpg</MIME_SOURCE>
<MIME_DESCR>front view</MIME_DESCR>
<MIME_PURPOSE>normal</MIME_PURPOSE>
<MIME_ORDER>1</MIME_ORDER>
</MIME>
<MIME>
<MIME_TYPE>image/jpeg</MIME_TYPE>
<MIME_SOURCE>charlie2.jpg</MIME_SOURCE>
<MIME_DESCR>back view</MIME_DESCR>
<MIME_PURPOSE>normal</MIME_PURPOSE>
<MIME_ORDER>2</MIME_ORDER>
</MIME>

```

[...] more images

Advice for product images:

- The first image must be a representative image of the product!
- Min. of one clear product image in .gif or .jpg format is needed.
- The image will be shown in a max. size of 600 x 600 Pixel.
- The image should show the product as exact as possible without any additional features.
- Do not send similar pictures with different names.
- The file name has to be delivered only in small characters without any spaces or special characters (ä, ö, ü, <, >, ...)
- Every picture can only be send once.
- No company logos as pictures (exception manufacturer logos as second image)
- Alternatives / variables like „no image“ are not allowed.

4.1. Data sheet / Safety data sheet

```
<MIME_INFO>
```

Advice:

- Mercateo will support the display of product data fact sheets and security fact sheets in pdf format.
- The fact sheet should be in the language of the catalogue.
- The fact sheet has to explain the product; the content should be an additional source of information.
- Similar data sheets are not allowed to be delivered with the same name.
- The file name is only allowed to be delivered in small characters without space or special characters.
- Send us every data sheet only once and take care of actual data.

- We only allow the display of one data sheet and one security data sheet per product activated. If you need to display more than one data sheet you have to inform Mercateo and Mercateo has to approve.

Special Advice to the security data sheet:

Security data sheets or material safety data sheets (MSDS) are security advices for the handling of dangerous substances. In Europe and many other countries these data sheets have to be provided by the distributors, launchers and manufacturers of dangerous substances and recipes that contain these dangerous substances up to a limit. In general MSDS will be provided for every chemical or biological product, to inform the buyers and consumers about dangers. If dangerous substances are used, orders for the use have to be setup and accessible for everyone. The present EU regulations to the EU security data sheets were known as 91/155/EWG and became desolated through the REACH-edict (EG) Nr. 1907/2006, which is valid since 1st of June 2007. The EU security data sheet about the direction on hazardous materials (GefStoffV § 6) and the technical standard for dangerous materials (TRGS 220) found access to the national law of the Federal Republic of Germany.

<MIME_TYPE>...</MIME_TYPE>
<MIME_PURPOSE>...</MIME_PURPOSE>

Formats at Mercateo:

PDF-files <MIME_TYPE>application/pdf</MIME_TYPE>

Describes the format of the file that should become displayed as additional information to the product.

Use at Mercateo:

PDF-files <MIME_PURPOSE>data_sheet</MIME_PURPOSE>
<MIME_PURPOSE>safety_data_sheet</MIME_PURPOSE>

For picture file will be "normal"; for product data sheet "data_sheet" and for safety data sheet "safety_data_sheet" inserted.

Extract BMEcat:

```
<MIME>
<MIME_TYPE>application/pdf</MIME_TYPE>
<MIME_SOURCE>charlie.pdf</MIME_SOURCE>
<MIME_DESCR>data sheet</MIME_DESCR>
<MIME_PURPOSE>data_sheet</MIME_PURPOSE>
<MIME_ORDER>3</MIME_ORDER>
</MIME>
<MIME>
<MIME_TYPE>application/pdf</MIME_TYPE>
<MIME_SOURCE>sdb_charlie.pdf</MIME_SOURCE>
<MIME_DESCR>safety data sheet</MIME_DESCR>
<MIME_PURPOSE>safety_data_sheet</MIME_PURPOSE>
<MIME_ORDER>4</MIME_ORDER>
</MIME>
</MIME_INFO>
```

5. Order details

Extract BMEcat:


```
<ARTICLE_ORDER_DETAILS>
  <ORDER_UNIT>PK</ORDER_UNIT>
  <CONTENT_UNIT>ST</CONTENT_UNIT>
  <NO_CU_PER_OU>500</NO_CU_PER_OU>
  <QUANTITY_MIN>50</QUANTITY_MIN>
  <QUANTITY_INTERVAL>5</QUANTITY_INTERVAL>
</ARTICLE_ORDER_DETAILS>
```

Catalogue image (German example)

Kopierpapier weiß, 80gr, DIN A4, holzfrei, Ries 500 Blatt

Menge: Paket [In Warenkorb legen](#)

Produktinformationen



Artikel-Nr.: 538-50000Aktion
Hersteller: k.A.
Herst.-Nr.: 11011
EAN/GTIN: 4045348040789

Suchbegriffe:
 Allroundpapier
 Druckerpapier
 Druckpapier
 Farbkopierpapier

Multifunktionspapier Kopierpapier A4
 matt, holzfrei, weiß
 für Kopierer, Laser- und Inkjetdrucker gut geeignet

Artikeldetails:

- Farbe: weiß
- Format: A4
- Gewicht: 80 g/m²
- Qualität: holzfrei
- Riesinhalt: 500 Blatt
- Ausführung: geriest

Angebote (4)	Lieferzeit	Mind.-Menge	Einheit	Versand	Staffelpreis	Einzelpreis
Lager 122	1 Tag	1	pro Paket	€ 3,75*	–	€ 1,97'
Lager 690	1 Tag	1	pro Packung	€ 4,73*	–	€ 2,00'
Lager 200	1 Tag	1	pro Paket	€ 8,95*	–	€ 2,10'
Lager 538	2 Tage	50	pro Paket	Frei Haus	ab € 1,95*	€ 2,80'

Artikel empfehlen Artikel merken

Preise von Lager 538

Bestellmenge	Netto	Brutto	Einheit
ab 50 Pakete	€ 2,80'	€ 3,33	pro Paket
ab 100 Pakete	€ 2,30*	€ 2,74	pro Paket
ab 200 Pakete	€ 1,99*	€ 2,37	pro Paket
ab 600 Pakete	€ 1,97*	€ 2,34	pro Paket
ab 1000 Pakete	€ 1,95*	€ 2,32	pro Paket

1 Paket enthält 500 Blätter (ab € 0,0039* pro Blatt)
 Bestellungen nur in Vielfachen von 5 Pakete
 Mindestbestellmenge: 50 Pakete

Lagerstand von Lager 538		Versand von Lager 538	
Es liegen leider keine detaillierten Lagerstands-Informationen vor.		Bestellwert	Versand
		ab € 100,00*	Frei Haus
		Mindestbestellwert: € 100,00*	

5.1. Order unit

<ORDER_UNIT>...</ORDER_UNIT>

An order unit is the unit, in which a product can be ordered. It is possible to order a multiple of this unit.

The Price always refers to the order unit or to a multiple of this.

BMEcat dictates a subset (Package Unit) of the UN/CEFACT Recommendation No: 20 units. Mercateo uses an own subset of the most used units. (See chart below)

Advice:

- The uniqueness of the units with the dictated unit chart should be guaranteed

If some more units are needed – speak to our Catalogue Management:
catalog@mercateo.com

Unit	Description
4G	microlitre
AA	ball
BE	bundle
BG	bag
BJ	bucket
BL	bale
BLI	blister
BND	bundle
BO	bottle
BX	box
C4	card
C62	piece
CA	can
CG	carton
CH	container
CL	coil
CLT	centilitre
CMK	square centimetre
CMQ	cubic centimetre
CMT	centimetre
CQ	cartridge
CS	case
CT	carton
CV	cover
D64	block
D97	pallet
DAY	day
DI	dispenser
DPC	dozen
DZN	dozen
EA	piece
ETI	label
EV	envelope
FOI	foil
FOT	foot
GRM	gram
HUR	hour
JR	jar
KGM	kilogram
KIS	crate

Unit	Description
KMT	kilometre
KST	jerrycan
KT	kit
LBR	pound
LTR	liter
M4	Value
MC	microgram
MGM	milligram
MLT	millilitre
MMT	millimetre
MTK	m ²
MTQ	cubic metre
MTR	metre
OP	pack of 2
PA	packet
PAD	pad
PD	block
PF	pallet
PK	pack
PR	pair
QR	quire
RD	rod
RL	reel
RM	ream
RO	roll
SA	sack
SCH	box
SET	set
SPD	dispenser
SR	strip
ST	sheet
STK	sticker
TAB	tab
TN	tin
TU	tube
TUC	cloth
WEE	week
WP	Watt/Peak
Z3	cask

5.2. Content unit & amount of content unit in the order unit

<CONTENT_UNIT>...</CONTENT_UNIT>
<NO_CU_PER_OU>...</NO_CU_PER_OU>

The unit within an order unit is described with CONTENT_UNIT.
The amount of content units per order unit is dictated with NO_CU_PER_OU.

Note: The content unit is a mandatory field at Mercateo.
Exceptions are the following order units: C62 (piece), SET (set), PR (pair) and ST (sheet). These need no further content unit.

Example:

Order unit:..... PK (Unit per package)
Amount of content:..... C62 (Unit per piece)
Amount of content unit within the order unit:..... 2
Minimum quantity per order:..... 1
Quantity scale:..... 1

Catalogue image & Explanation:

Menge: Packung  [In Warenkorb legen](#)
 [Artikel empfehlen](#)  [Artikel merken](#)

Preise von AVM			
Bestellmenge	Netto	Brutto	Einheit
1 Packung	€ 69,88*	€ 83,16	pro Packung
ab 2 Packungen	€ 66,65*	€ 79,31	pro Packung
ab 5 Packungen	€ 64,12*	€ 76,30	pro Packung
ab 10 Packungen	€ 63,06*	€ 75,04	pro Packung
1 Packung enthält 2 Stück			

In this case the customer is able to order 1 package of the chosen product that contains 2 pieces.

5.3. Minimum order quantity

<QUANTITY_MIN>...</QUANTITY_MIN>

The minimum order quantity describes the amount of the order unit that has to be ordered minimum. If no minimum quantity is described the Default is 1 → see example in 5.2.

5.4. Quantity scale

<QUANTITY_INTERVAL>...</QUANTITY_INTERVAL>

The quantity scale contains information about the scale in which a product can be ordered. The counting for this scale always starts with the given minimum quantity. The unit for the quantity scale is the order unit → see example in 5.2.

6. Product price

6.1. Product information in purchase price or sales price

<ARTICLE_PRICE_DETAILS>

If no other agreement exists please send us the Mercateo purchase price as "net_list".

Extract BMEcat:

```
<ARTICLE_PRICE_DETAILS>
  <ARTICLE_PRICE price_type="net_list">
    <PRICE_AMOUNT>61.50</PRICE_AMOUNT>
    <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
    <TAX>0.19</TAX>
    <LOWER_BOUND>1</LOWER_BOUND>
  </ARTICLE_PRICE>
  <ARTICLE_PRICE price_type="net_list">
    <PRICE_AMOUNT>59.50</PRICE_AMOUNT>
    <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
    <TAX>0.19</TAX>
    <LOWER_BOUND>2</LOWER_BOUND>
  </ARTICLE_PRICE>
</ARTICLE_PRICE_DETAILS>
```

If no other agreement exists please send us the Mercateo-Reverse-Auction price as "net_customer".

Extract BMEcat:

```
<ARTICLE_PRICE_DETAILS>
  <ARTICLE_PRICE price_type="net_customer">
    <PRICE_AMOUNT>55.00</PRICE_AMOUNT>
    <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
    <TAX>0.19</TAX>
    <LOWER_BOUND>1</LOWER_BOUND>
  </ARTICLE_PRICE>
```

6.2. Price

<PRICE_AMOUNT>...</PRICE_AMOUNT>

The price is only valid if there are two decimal places behind the point.

Example: <PRICE_AMOUNT>61.50</PRICE_AMOUNT>

Advice:

The comma in the price is a dot in the BMEcat standard.

6.3. Currency

<PRICE_CURRENCY>...</PRICE_CURRENCY>

The currency has to be fixed in the HEADER or for every single product (max. 3 characters). It is recommended to define the currency in the HEADER.

Example: <PRICE_CURRENCY>EUR</PRICE_CURRENCY>

Example (HEADER): <CURRENCY>EUR</CURRENCY>

6.4. Taxation: VAT

<TAX>...</TAX>

Factor for taxes on sales/purchases, which is valid for this price.

Example: <TAX>0.19</TAX> ; <TAX>0.07</TAX>

Advice:

- The comma in the tax is a dot in the BMEcat - standard.
- For Germany: 19% or 7%

6.5. Lower bound

<LOWER_BOUND>...</LOWER_BOUND>

The lower scale border for price scales or discounts is the factor with that you multiply higher order amounts if a special order unit has been ordered. The unit for the price scale is always the order unit (ORDER_UNIT).

An example is on the next page.

Example:

```

<ARTICLE_PRICE price_type="net_list">
  <PRICE_AMOUNT>61.50</PRICE_AMOUNT>
  <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
  <TAX>0.19</TAX>
  <LOWER_BOUND>1</LOWER_BOUND>
</ARTICLE_PRICE>
<ARTICLE_PRICE price_type="net_list">
  <PRICE_AMOUNT>59.50</PRICE_AMOUNT>
  <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
  <TAX>0.19</TAX>
  <LOWER_BOUND>2</LOWER_BOUND>
</ARTICLE_PRICE>

```

Explanation:

When 1 package of this product is bought, we calculate for the price of the amount x price per package of **61.50 € net**. If 2, 3 or 4 packages are ordered, we calculate for the price the amount x price per package of **59.50 € net**.

Catalogue image (German example)

Menge: Packung  [In Warenkorb legen](#)

[Artikel empfehlen](#) [Artikel merken](#)

Preise von AVM			
Bestellmenge	Netto	Brutto	Einheit
1 Packung	€ 69,88*	€ 83,16	pro Packung
ab 2 Packungen	€ 66,65*	€ 79,31	pro Packung
ab 5 Packungen	€ 64,12*	€ 76,30	pro Packung
ab 10 Packungen	€ 63,06*	€ 75,04	pro Packung

1 Packung enthält 2 Stück

Advice:

- The upper scale border is defined by the value of LOWER_BOUND of the next price.
- If there is no further scale the price for all amounts which are bigger then the lower scale border is valid.
- The information about LOWER_BOUND needs to be fixed accordingly, if the purchase price and the sales price are given.

7. Delivery time

<DELIVERY_TIME>...</DELIVERY_TIME>

The time during working days that the supplier needs to supply Mercateo customers

Advice:

- Strengthen your statement concerning time to deliver by an availability monitor.
- Wrong statements will be sanctioned.

8. Keywords & Search terms

<KEYWORD>...</KEYWORD>

Terms / synonyms that facilitate the research for a product.

Recommendation: max. 10 Words

Please avoid:

- Product / marketplace of words that do not belong to the context
- Manufacturer names
- Manufacturer IDs
- EAN numbers
- Names of persons
- Verbs
- Characteristics like "white", "transparent", "round" belong as a feature to the long description (see 3.)
- Words like "with", "for", "at", "and", "from"

Advice:

- Take care of correct spelling!
- Take care of capital and small characters!

9. Reference products

<ARTICLE_REFERENCE

It is possible to point from a product to another one. These links state the relationship between both (similar, accessory, others).

Extract BMEcat:

```
<ARTICLE_REFERENCE type="accessories">
<ART_ID_TO>30025</ART_ID_TO>
</ARTICLE_REFERENCE>
```

9.1. Attribute value

<ARTICLE_REFERENCE type="...">

The following 3 variants of Reference products are possible at Mercateo. These are fixed in BMEcat 1.2 through <ARTICLE_REFERENCE type="...">.

Example:

Similar product <ARTICLE_REFERENCE type="similar">
 Accessory <ARTICLE_REFERENCE type="accessories">
 Others <ARTICLE_REFERENCE type="others">

Note:

Name	Attribute value	Explanation
Similar product	similar	The under ART_ID_TO shown product is a similar product to the source product, which has similar functions like the source product and can possibly be used as an alternative.
Accessory	accessories	The under ART_ID_TO shown reference product is an accessory to the source product. Accessory expands the functionality of the source product.
Others	others	Kind of link that can be used if no other link describes the relation between the reference product and the source product.

9.2. Reference product

<ART_ID_TO>...</ART_ID_TO>

The clear product number (SUPPLIER_AID) of the product to be linked is found here.

Advice:

- You can link from one product to an unlimited number of other products.
- The different kinds of links can be used multiply so that one product can point to several accessory products.

10. EAN / GTIN

<EAN>...</EAN>

European Product number: **max. 13 characters.**

The EAN www.gs1-germany.de is a worldwide unique ID number that brands a trade unit concerning the specific format, color, size, packing unit etc. With these characteristics the EAN is one of the most important components of modern ERP systems. It is a basic for data capturing of sales data in trade and key for further data processing.

GTIN is the summary of several code schemes for example the EAN marking, the code of UCC or the EPC. The 14-character GTIN is the EAN code plus „0“ as it's first character.

Advice:

- The EAN / GTIN is a unique ID which cannot be duplicated.
- Mercateo provides both codex's. In the BMEcat you always have to use the „<EAN>...</EAN>“

11. Manufacturer name

<MANUFACTURER_NAME>...</MANUFACTURER_NAME>

Unique name of the manufacturer without label

Advice:

- The completeness of data will influence the search result positively and allows us to group similar products.

11.1. Manufacturer ID

<MANUFACTURER_AID>...</MANUFACTURER_AID>

Unique product number of the manufacturer (can only be once in the catalogue)

Advice:

- The completeness of data will influence the search result positively and allow us to group similar products.
- The technical correctness must be given.

12. Availability

There is a possibility to have a view on the real time availability of products. You will find some more information in the interface documentation.

13. Reference systems for product features

<ARTICLE_FEATURES>

13.1. eCl@ss

<http://www.eclass.de> is the standard for information interchange between supplier and customer. This standard is marked by a four step hierarchy of classification keys with a couple of terms in a register.

```
<REFERENCE_FEATURE_SYSTEM_NAME>
ECLASS-5.1</REFERENCE_FEATURE_SYSTEM_NAME>
<REFERENCE_FEATURE_GROUP_ID>
19-02-02-02</REFERENCE_FEATURE_GROUP_ID>
</ARTICLE_FEATURES>
```

Advice:

It is possible to have a product in more than one eClass versions.

Overview of eClass 5.1.4 categories:

<http://www.eclasscontent.com/index.php?id=&action=&language=en&searchtxt=&options=&version=5.14>

13.2. ETIM

This is a wide spread standard for information interchange between suppliers and customers in the electronic business.

```
<ARTICLE_FEATURES>
<REFERENCE_FEATURE_SYSTEM_NAME>
ETIM-3.0</REFERENCE_FEATURE_SYSTEM_NAME>
<REFERENCE_FEATURE_GROUP_ID>
EC000240</REFERENCE_FEATURE_GROUP_ID>
<FEATURE>
<FNAME>EF000010</FNAME>
<FVALUE>EV002973</FVALUE>
</FEATURE>
<FEATURE>
<FNAME>EF000007</FNAME>
<FVALUE>EV000270</FVALUE>
</FEATURE>
</ARTICLE_FEATURES>
```

13.3. TecDoc

„TecDoc delivers actual and complete data to identify and to order spares directly from the database of the cooperating automotive suppliers to the automotive market in a standardised catalogue.“

„The main tasks of TecDoc are still in standardisation, collecting und sharing of data and in the development of needed database technics.“
(www.tecdoc.de)

Advice:

- Mercateo supports the implementation through KBA numbers and KTyp numbers
- Further information can be found in the TecDoc specification from Mercateo

14. Features

Features are a supplement to the DESCRIPTION_LONG. A feature always consists of FNAME, FVALUE and FUNIT.

FNAME: the name of the descriptive feature
e.g. length, colour, hazardous substance

FVALUE: the characteristic(s) of the feature. Multiple characteristics are possible
e.g. 100, white

FUNIT: the measurement unit of the feature
e.g. mm

```
<ARTICLE_FEATURES>
<FEATURE>
<FNAME>length</FNAME>
<FVALUE>100</FVALUE>
<FUNIT>mm</FUNIT>
<FORDER>1</FORDER>
</FEATURE>
<FEATURE>
<FNAME>colour</FNAME>
<FVALUE>red</FVALUE>
<FVALUE>blue</FVALUE>
<FORDER>2</FORDER>
</FEATURE>
</ARTICLE_FEATURES>
```

15. Hazardous Substances

Hazardous substances regulation states that dangerous substances must be specially marked.

These are the items where there is a special need for a safety data sheet GHS01, GHS02, GHS03, ..., GHS09, None.

A product should always have a safety data sheet but only if it's a hazardous substance given in point 14, if it's not then don't give a safety data sheet.

The implementation can be done in 2 ways:

1. Special Treatment Class:

```
<DELIVERY_TIME>10</DELIVERY_TIME>
<SPECIAL_TREATMENT_CLASS
type="Gefahrstoff">GHS01</SPECIAL_TREATMENT_CLASS>
<SPECIAL_TREATMENT_CLASS type="Gefahrstoff
">GHS09</SPECIAL_TREATMENT_CLASS>
<KEYWORD>protective wood varnishing</KEYWORD>
```

2. Article Feature

```
</ARTICLE_DETAILS>
<ARTICLE_FEATURES>
<FEATURE>
<FNAME>Gefahrstoff </FNAME>
<FVALUE>GHS01</FVALUE>
<FVALUE>GHS09</FVALUE>
<FORDER>1</FORDER>
</FEATURE>
</ARTICLE_FEATURES>
<ARTICLE_ORDER_DETAILS>
```

As FNAME respectively SPECIAL_TREATMENT_CLASS you can also use "Gefahrgut":

```
<FNAME>Gefahrgut</FNAME>

<SPECIAL_TREATMENT_CLASS type="Gefahrgut
">GHS01</SPECIAL_TREATMENT_CLASS>
```