



1205 Kimball Blvd
Jasper, IN 47546
812-634-4000

Delivery note message

EDI Transaction DESADV
Specifications UN/EDIFACT
Standard D.97A
Inbound to Kimball

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1 Schema structure

| Name | Level | Max Occ. | Content |
|-----------------|-------|----------|------------------------------|
| UNH | 1 | 1 | MESSAGE HEADER |
| BGM | 1 | 1 | BEGINNING OF MESSAGE |
| DTM | 1 | 10 | DATE/TIME/PERIOD |
| SG1 | 1 | 10 | |
| RFF_ON_CN | 2 | 1 | REFERENCE |
| DTM_171 | 2 | 1 | DATE/TIME/PERIOD |
| SG2 | 1 | 10 | |
| NAD_MI_SU_ST_SF | 2 | 1 | NAME AND ADDRESS |
| SG6 | 1 | 10 | |
| TDT_20 | 2 | 1 | DETAILS OF TRANSPORT |
| SG10 | 1 | 9999 | |
| CPS_1_2_4 | 2 | 1 | CONSIGNMENT PACKING SEQUENCE |
| SG11 | 2 | 9999 | PACKAGING |
| PAC | 3 | 1 | PACKAGE |
| MEA_PD | 3 | 10 | MEASUREMENTS |
| QTY_52 | 3 | 10 | QUANTITY |
| SG13 | 3 | 1000 | |
| PCI_16_17 | 4 | 1 | PACKAGE IDENTIFICATION |
| SG14 | 4 | 99 | |
| GIN_BJ | 5 | 1 | GOODS IDENTITY NUMBER |
| SG15 | 2 | 9999 | |
| LIN_BP | 3 | 1 | LINE ITEM |
| PIA_MF | 3 | 10 | ADDITIONAL PRODUCT ID |
| MEA_PD | 3 | 10 | MEASUREMENTS |
| QTY_12 | 3 | 10 | QUANTITY |
| SG20 | 3 | 9999 | |
| PCI_13 | 4 | 1 | PACKAGE IDENTIFICATION |
| DTM_364 | 4 | 5 | DATE/TIME/PERIOD |
| QTY_12 | 4 | 1 | QUANTITY |
| SG21 | 4 | 10 | |
| GIN_BX | 5 | 1 | GOODS IDENTITY NUMBER |
| UNT | 1 | 1 | MESSAGE TRAILER |

2 UNB (INTERCHANGE HEADER)

To start, identify and specify an interchange.

This segment is mandatory here.
Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-----------------|---|----------|----------|---|
| S001_U NOC_3 | SYNTAX IDENTIFIER | M | M | Identification of the agency controlling the syntax and indication of syntax level, plus the syntax version number. Max. occurrences is 1. |
| 0001 | Syntax identifier | M A4 | M A4 | Coded identification of the agency controlling a syntax and syntax level used in an interchange. Code Description UNOC UN/ECE level C As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1. |
| 0002 | Syntax version number | M N1 | M N1 | Version number of the syntax identified in the syntax identifier (0001) Code Description 3 Version 3 ISO 9735 Amendment 1:1992. |
| S002_ZZ Z | INTERCHANG E SENDER | M | M | Identification of the sender of the interchange. Max. occurrences is 1. |
| 0004 | Sender identification | M AN..35 | M AN..35 | Name or coded representation of the sender of a data interchange. |
| 0007 | Partner identification code qualifier | O AN..4 | M AN..4 | Qualifier referring to the source of codes for the identifiers of interchanging partners. Code Description ZZZ Mutually defined Mutually defined between trading partners. |
| 0008 | Address for reverse routing | O AN..14 | O AN..14 | Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing. |

| Label | Name | Standard | Impl | Comment |
|--------------|--|----------|----------|--|
| S003_ZZ Z | INTERCHANGE RECIPIENT | M | M | Identification of the recipient of the interchange. Max. occurrences is 1. |
| 0010 | Recipient identification | M AN..35 | M AN..35 | Name or coded representation of the recipient of a data interchange. |
| 0007 | Partner identification code qualifier | O AN..4 | M AN..4 | Qualifier referring to the source of codes for the identifiers of interchanging partners. Code Description ZZZ Mutually defined Mutually defined between trading partners. |
| 0014 | Routing address | O AN..14 | O AN..14 | Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization. |
| S004 | DATE/TIME OF PREPARATION | M | M | Date/time of preparation of the interchange. Max. occurrences is 1. |
| 0017 | Date of preparation | M N6 | M N6 | Local date when an interchange or a functional group was prepared. |
| 0019 | Time of preparation | M N4 | M N4 | Local time of day when an interchange or a functional group was prepared. |
| 0020 | Interchange control reference | M AN..14 | M AN..14 | Unique reference assigned by the sender to an interchange. |
| S005 | RECIPIENT'S REFERENCE, PASSWORD | O | O | Reference or password as agreed between the communicating partners. Max. occurrences is 1. |
| 0022 | Recipient's reference/password | M AN..14 | M AN..14 | Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement. |
| 0025 | Recipient's reference/password qualifier | O AN2 | O AN2 | Qualifier for the recipient's reference or password. Standard codelist for _0025 is supported. |
| 0026 | Application reference | O AN..14 | O AN..14 | Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type. |

| Label | Name | Standard | Impl | Comment |
|-------|-----------------------------|----------|----------|--|
| 0029 | Processing priority code | O A1 | O A1 | Code determined by the sender requesting processing priority for the interchange. Standard codelist for _0029 is supported. |
| 0031 | Acknowledgement request | O N1 | O N1 | Code determined by the sender for acknowledgement of the interchange. Standard codelist for _0031 is supported. |
| 0032 | Communications agreement ID | O AN..35 | O AN..35 | Identification by name or code of the type of agreement under which the interchange takes place. |
| 0035 | Test indicator | O N1 | O N1 | Indication that the interchange is a test. Standard codelist for _0035 is supported. |

3 Message

This segment group is mandatory here.
Max. occurrences is "unbound".

3.1 UNH (MESSAGE HEADER)

To head, identify and specify a message.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-----------------|--------------------------|----------|----------|---|
| 0062 | Message reference number | M AN..14 | M AN..14 | Unique message reference assigned by the sender. |
| S009_D ESADV | MESSAGE IDENTIFIER | M | M | Identification of the type, version etc. of the message being interchanged. Max. occurrences is 1. |
| 0065 | Message type | M AN..6 | M AN..6 | Code identifying a type of message and assigned by its controlling agency. Code Description DESADV Despatch advice message A code to identify the despatch advice message. |
| 0052 | Message version number | M AN..3 | M AN..3 | Version number of a message type. Code Description D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997). |
| 0054 | Message release number | M AN..3 | M AN..3 | Release number within the current message type version number (0052). Code Description 97A Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory). |
| 0051 | Controlling agency | M AN..2 | M AN..2 | Code to identify the agency controlling the specification, maintenance and publication of the |

| Label | Name | Standard | Impl | Comment | | | | |
|-------|---------------------------|----------|----------|--|------|-------------|----|------------------|
| | | | | <p>message type.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>UN</td> <td>UN/CEFACT</td> </tr> </tbody> </table> <p>United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).</p> | Code | Description | UN | UN/CEFACT |
| Code | Description | | | | | | | |
| UN | UN/CEFACT | | | | | | | |
| 0057 | Association assigned code | O AN..6 | Not used | | | | | |
| 0068 | Common access reference | O AN..35 | O AN..35 | Reference serving as a key to relate all subsequent transfers of data to the same business case or file. | | | | |
| S010 | STATUS OF THE TRANSFER | O | O | <p>Statement that the message is one in a sequence of transfers relating to the same topic.</p> <p>Max. occurrences is 1.</p> | | | | |
| 0070 | Sequence of transfers | M N..2 | M N..2 | Number assigned by the sender indicating the numerical sequence of one or more transfers. | | | | |
| 0073 | First and last transfer | O A1 | O A1 | <p>Indication used for the first and last message in a sequence of the same type of message relating to the same topic.</p> <p>Standard codelist for _0073 is supported.</p> | | | | |

3.2 BGM (BEGINNING OF MESSAGE)

To indicate the type and function of a message and to transmit the identifying number.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-------------|--|----------|----------|---|
| BGM_35 1 | DOCUMENT/ MESSAGE NAME | O | O | Identification of a type of document/message by code or name. Code preferred. Max. occurrences is 1. |
| 1001 | Document/me ssage name, coded | O AN..3 | M AN..3 | Document/message identifier expressed in code. Code Description 351 Despatch advice Document/message by means of which the seller or consignor informs the consignee about the despatch of goods. |
| 1131 | Code list qualifier | O AN..3 | O AN..3 | Identification of a code list. Standard codelist for _1131 is supported. |
| 3055 | Code list responsible agency, coded | O AN..3 | O AN..3 | Code identifying the agency responsible for a code list. Standard codelist for _3055 is supported. |
| 1000 | Document/me ssage name | O AN..35 | O AN..35 | Plain language identifier specifying the function of a document/message. |
| C106 | DOCUMENT/ MESSAGE IDENTIFICATI ON | O | O | Identification of a document/message by its number and eventually its version or revision. Max. occurrences is 1. |
| 1004 | Document/me ssage number | O AN..35 | O AN..35 | Reference number assigned to the document/message by the issuer. |
| 1056 | Version | O AN..9 | O AN..9 | To specify the version number or name of an object. |
| 1060 | Revision number | O AN..6 | O AN..6 | To specify a revision number. |
| 1225 | Message function, coded | O AN..3 | O AN..3 | Code indicating the function of the message. Code Description |

| Label | Name | Standard | Impl | Comment |
|-------|----------------------|----------|---------|---|
| | | | | <p>9 Original</p> <p>Initial transmission related to a given transaction.</p> |
| 4343 | Response type, coded | O AN..3 | O AN..3 | <p>Code specifying the type of acknowledgment required or transmitted.</p> <p>Standard codelist for _4343 is supported.</p> |

3.3 DTM (DATE/TIME/PERIOD)

To specify date, and/or time, or period.

This segment is optional here.

Max. occurrences is 10.

| Label | Name | Standard | Impl | Comment | | | | | | | | |
|------------------------|--|----------|----------|--|------|-------------|-----|--|-----|--|-----|---|
| DTM_13 7_11_13 2 | DATE/TIME/P ERIOD | M | M | Date and/or time, or period relevant to the specified date/time/period type. Max. occurrences is 1. | | | | | | | | |
| 2005 | Date/time/peri od qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a date, time or period. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped.</td> </tr> <tr> <td>132</td> <td>Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</td> </tr> <tr> <td>137</td> <td>Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.</td> </tr> </tbody> </table> | Code | Description | 11 | Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped. | 132 | Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. | 137 | Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication. |
| Code | Description | | | | | | | | | | | |
| 11 | Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped. | | | | | | | | | | | |
| 132 | Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. | | | | | | | | | | | |
| 137 | Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication. | | | | | | | | | | | |
| 2380 | Date/time/peri od | O AN..35 | M AN..35 | The value of a date, a date and time, a time or of a period in a specified representation. | | | | | | | | |
| 2379 | Date/time/peri od format qualifier | O AN..3 | M AN..3 | Specification of the representation of a date, a date and time or of a period. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</td> </tr> </tbody> </table> | Code | Description | 102 | CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day. | | | | |
| Code | Description | | | | | | | | | | | |
| 102 | CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day. | | | | | | | | | | | |

| Label | Name | Standard | Impl | Comment |
|-------|------|----------|------|---|
| | | | | <p>203 CCYYMMDDHHMM</p> <p>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</p> |

3.4 SG1

N **b** **em** **M** **v** **Ce a e** **ox l** **n** **O**
R F 3 F 1 _ O R EN F E
D T 3 M 1 _ D 1 A 7 T 1

This segment group is optional here.
Max. occurrences is 10.

3.4.1 RFF_ON_CN (REFERENCE)

To specify a reference.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | | | |
|-------|--|----------|----------|--|------|-------------|----|---|----|--|
| C506 | REFERENCE | M | M | Identification of a reference. Max. occurrences is 1. | | | | | | |
| 1153 | Reference qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a reference segment or a reference number. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>CN</td> <td>Carrier's reference number Reference number assigned by carrier to a consignment.</td> </tr> <tr> <td>ON</td> <td>Order number (purchase) [1022] Reference number assigned by the buyer to an order.</td> </tr> </tbody> </table> | Code | Description | CN | Carrier's reference number Reference number assigned by carrier to a consignment. | ON | Order number (purchase) [1022] Reference number assigned by the buyer to an order. |
| Code | Description | | | | | | | | | |
| CN | Carrier's reference number Reference number assigned by carrier to a consignment. | | | | | | | | | |
| ON | Order number (purchase) [1022] Reference number assigned by the buyer to an order. | | | | | | | | | |
| 1154 | Reference number | O AN..35 | M AN..35 | Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. | | | | | | |
| 1156 | Line number | O AN..6 | Not used | | | | | | | |
| 4000 | Reference version number | O AN..35 | Not used | | | | | | | |

3.4.2 DTM_171 (DATE/TIME/PERIOD)

To specify date, and/or time, or period.

This segment is optional here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | | | |
|-------|---|----------|----------|---|------|-------------|-----|---|-----|---|
| C507 | DATE/TIME/PERIOD | M | M | Date and/or time, or period relevant to the specified date/time/period type. Max. occurrences is 1. | | | | | | |
| 2005 | Date/time/period qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a date, time or period. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>171</td> <td>Reference date/time Date/time on which the reference was issued.</td> </tr> </tbody> </table> | Code | Description | 171 | Reference date/time Date/time on which the reference was issued. | | |
| Code | Description | | | | | | | | | |
| 171 | Reference date/time Date/time on which the reference was issued. | | | | | | | | | |
| 2380 | Date/time/period | O AN..35 | M AN..35 | The value of a date, a date and time, a time or of a period in a specified representation. | | | | | | |
| 2379 | Date/time/period format qualifier | O AN..3 | M AN..3 | Specification of the representation of a date, a date and time or of a period. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</td> </tr> <tr> <td>203</td> <td>CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</td> </tr> </tbody> </table> | Code | Description | 102 | CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day. | 203 | CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes. |
| Code | Description | | | | | | | | | |
| 102 | CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day. | | | | | | | | | |
| 203 | CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes. | | | | | | | | | |

3.5 SG2

| N | Level | a | Max Occ. | m | Content | e |
|-----------------|--------------|----------|-----------------|----------|------------------|----------|
| NAD_MI_SU_ST_SF | 3 | | 1 | | NAME AND ADDRESS | |

This segment group is optional here.
Max. occurrences is 10.

3.5.1 NAD_MI_SU_ST_SF (NAME AND ADDRESS)

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | | | | | | | |
|-------------|---|----------|----------|---|-------------|--------------------|----|---|----|--|----|--|----|---|
| 3035 | Party qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a party. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>MI</td> <td>Planning schedule/material release issuer Self explanatory.</td> </tr> <tr> <td>SF</td> <td>Ship from Identification of the party from where goods will be or have been shipped.</td> </tr> <tr> <td>ST</td> <td>Ship to Identification of the party to where goods will be or have been shipped.</td> </tr> <tr> <td>SU</td> <td>Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.</td> </tr> </table> | Code | Description | MI | Planning schedule/material release issuer Self explanatory. | SF | Ship from Identification of the party from where goods will be or have been shipped. | ST | Ship to Identification of the party to where goods will be or have been shipped. | SU | Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade. |
| Code | Description | | | | | | | | | | | | | |
| MI | Planning schedule/material release issuer Self explanatory. | | | | | | | | | | | | | |
| SF | Ship from Identification of the party from where goods will be or have been shipped. | | | | | | | | | | | | | |
| ST | Ship to Identification of the party to where goods will be or have been shipped. | | | | | | | | | | | | | |
| SU | Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade. | | | | | | | | | | | | | |
| C082 | PARTY IDENTIFICATION DETAILS | O | O | Identification of a transaction party by code. Max. occurrences is 1. | | | | | | | | | | |
| 3039 | Party id. identification | M AN..35 | M AN..35 | Code identifying a party involved in a transaction. | | | | | | | | | | |
| 1131 | Code list qualifier | O AN..3 | O AN..3 | Identification of a code list. Standard codelist for _1131 is supported. | | | | | | | | | | |
| 3055 | Code list responsible agency, coded | O AN..3 | M AN..3 | Code identifying the agency responsible for a code list. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> </table> | Code | Description | | | | | | | | |
| Code | Description | | | | | | | | | | | | | |

| Label | Name | Standard | Impl | Comment |
|-------|----------------------------|----------|----------|--|
| | | | | 92 Assigned by buyer or buyer's agent Self explanatory. |
| C058 | NAME AND ADDRESS | O | O | Unstructured name and address: one to five lines. Max. occurrences is 1. |
| 3124 | Name and address line | M AN..35 | M AN..35 | Free form name and address description. |
| 3124 | Name and address line | O AN..35 | O AN..35 | Free form name and address description. |
| 3124 | Name and address line | O AN..35 | O AN..35 | Free form name and address description. |
| 3124 | Name and address line | O AN..35 | O AN..35 | Free form name and address description. |
| 3124 | Name and address line | O AN..35 | O AN..35 | Free form name and address description. |
| C080 | PARTY NAME | O | O | Identification of a transaction party by name, one to five lines. Party name may be formatted. Max. occurrences is 1. |
| 3036 | Party name | M AN..35 | M AN..35 | Name of a party involved in a transaction. |
| 3036 | Party name | O AN..35 | O AN..35 | Name of a party involved in a transaction. |
| 3036 | Party name | O AN..35 | O AN..35 | Name of a party involved in a transaction. |
| 3036 | Party name | O AN..35 | O AN..35 | Name of a party involved in a transaction. |
| 3036 | Party name | O AN..35 | O AN..35 | Name of a party involved in a transaction. |
| 3045 | Party name format, coded | O AN..3 | O AN..3 | Specification of the representation of a party name. Standard codelist for _3045 is supported. |
| C059 | STREET | O | O | Street address and/or PO Box number in a structured address: one to three lines. Max. occurrences is 1. |
| 3042 | Street and number/p.o. box | M AN..35 | M AN..35 | Street and number in plain language, or Post Office Box No. |
| 3042 | Street and number/p.o. box | O AN..35 | O AN..35 | Street and number in plain language, or Post Office Box No. |

| Label | Name | Standard | Impl | Comment |
|-------|-----------------------------------|----------|----------|--|
| 3042 | Street and number/p.o. box | O AN..35 | O AN..35 | Street and number in plain language, or Post Office Box No. |
| 3042 | Street and number/p.o. box | O AN..35 | O AN..35 | Street and number in plain language, or Post Office Box No. |
| 3164 | City name | O AN..35 | O AN..35 | Name of a city (a town, a village) for addressing purposes. |
| 3229 | Country sub-entity identification | O AN..9 | O AN..9 | Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies. |
| 3251 | Postcode identification | O AN..9 | O AN..9 | Code defining postal zones or addresses. |
| 3207 | Country, coded | O AN..3 | O AN..3 | Identification of the name of a country or other geographical entity as specified in ISO 3166. |

3.6 SG6

| N | Level | a | Max Occ. | m | Content | e |
|----------|--------------|----------|-----------------|----------|----------------------|----------|
| TDT_20 | 3 | | 1 | | DETAILS OF TRANSPORT | |

This segment group is optional here.
Max. occurrences is 10.

3.6.1 TDT_20 (DETAILS OF TRANSPORT)

To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

This segment is mandatory here.
Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-------|---|----------|----------|--|
| 8051 | Transport stage qualifier | M AN..3 | M AN..3 | Qualifier giving a specific meaning to the transport details. Code Description 20 Main-carriage transport The primary stage in the movement of cargo from the point of origin to the intended destination. |
| 8028 | Conveyance reference number | O AN..17 | O AN..17 | Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). |
| C220 | MODE OF TRANSPORT | O | O | Method of transport code or name. Code preferred. Max. occurrences is 1. |
| 8067 | Mode of transport, coded | O AN..3 | O AN..3 | Coded method of transport used for the carriage of the goods. |
| 8066 | Mode of transport | O AN..17 | O AN..17 | Method of transport used for the carriage of the goods. |
| C228 | TRANSPORT MEANS | O | O | Code and/or name identifying the type of means of transport. Max. occurrences is 1. |
| 8179 | Type of means of transport identification | O AN..8 | M AN..8 | Code defining the type of the means of transport being utilized. Code Description 31 Truck Self explanatory. |
| 8178 | Type of means of transport | O AN..17 | O AN..17 | Description of the type of the means of transport being utilized. |

3.7 SG10

| Name | Level | Max Occ. | Content |
|-----------|-------|----------|------------------------|
| CPS_1_2_4 | 3 | 1 | CONSIGNMENT PACKING SE |
| SG 11 | 3 | 9999 | PACKAGING |
| PAC | 4 | 1 | PACKAGE |
| MEA_PD | 4 | 10 | MEASUREMENTS |
| QTY_52 | 4 | 10 | QUANTITY |
| SG 13 | 4 | 1000 | |
| PCI_16_17 | 5 | 1 | PACKAGE IDENTIFICATION |
| SG 14 | 5 | 99 | |
| GIN_BJ | 6 | 1 | GOODS IDENTITY NUMBER |
| SG 15 | 3 | 9999 | |
| LIN_BP | 4 | 1 | LINE ITEM |
| PIA_MF | 4 | 10 | ADDITIONAL PRODUCT ID |
| MEA_PD | 4 | 10 | MEASUREMENTS |
| QTY_12 | 4 | 10 | QUANTITY |
| SG 20 | 4 | 9999 | |
| PCI_13 | 5 | 1 | PACKAGE IDENTIFICATION |
| DTM_364 | 5 | 5 | DATE/TIME/PERIOD |
| QTY_12 | 5 | 1 | QUANTITY |
| SG 21 | 5 | 10 | |
| GIN_BX | 6 | 1 | GOODS IDENTITY NUMBER |

This segment group is optional here.
Max. occurrences is 9,999.

3.7.1 CPS_1_2_4 (CONSIGNMENT PACKING SEQUENCE)

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | | | | | |
|-------|---|----------|----------|---|------|-------------|---|---|---|---|---|---|
| 7164 | Hierarchical id. number | M AN..12 | M AN..12 | A unique number assigned by the sender to identify a level within a hierarchical structure. | | | | | | | | |
| 7166 | Hierarchical parent id. | O AN..12 | O AN..12 | Identification number of the next higher hierarchical data segment in a hierarchical structure. | | | | | | | | |
| 7075 | Packaging level, coded | O AN..3 | M AN..3 | <p>Indication of level of packaging specified.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td> <p>Inner</p> <p>Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.</p> </td> </tr> <tr> <td>3</td> <td> <p>Outer</p> <p>For packed merchandise, outermost level of packaging for a shipment.</p> </td> </tr> <tr> <td>4</td> <td> <p>No packaging hierarchy</p> <p>There is no specifiable level of packaging: packaging is inner and outer level as well.</p> </td> </tr> </tbody> </table> | Code | Description | 1 | <p>Inner</p> <p>Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.</p> | 3 | <p>Outer</p> <p>For packed merchandise, outermost level of packaging for a shipment.</p> | 4 | <p>No packaging hierarchy</p> <p>There is no specifiable level of packaging: packaging is inner and outer level as well.</p> |
| Code | Description | | | | | | | | | | | |
| 1 | <p>Inner</p> <p>Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.</p> | | | | | | | | | | | |
| 3 | <p>Outer</p> <p>For packed merchandise, outermost level of packaging for a shipment.</p> | | | | | | | | | | | |
| 4 | <p>No packaging hierarchy</p> <p>There is no specifiable level of packaging: packaging is inner and outer level as well.</p> | | | | | | | | | | | |

3.7.2 SG11 (PACKAGING)

| Name Level | | | | | | | | | | Maximum Occurrence | | | | | | | | | |
|------------|---|---|---|---|---|--|--|--|--|--------------------|---|---|---|---|---|---|---|--|--|
| P | A | C | 4 | | | | | | | P | A | C | K | A | G | E | | | |
| M | E | A | 4 | P | D | | | | | M | E | A | S | U | R | E | M | | |
| Q | T | Y | 4 | 5 | 2 | | | | | Q | U | A | N | T | I | T | Y | | |
| S | G | 1 | 3 | 4 | | | | | | 1 | 0 | 0 | 0 | | | | | | |
| P | C | I | 5 | 1 | 6 | | | | | 1 | 1 | 7 | | | | | | | |
| S | G | 1 | 4 | 5 | | | | | | 9 | 9 | | | | | | | | |
| G | I | N | 6 | B | J | | | | | 1 | | | | | | | | | |
| | | | | | | | | | | G | O | O | D | S | I | D | | | |

SG11 is required only in case of packaging.

This segment group is optional here.

Max. occurrences is 9,999.

3.7.2.1 PAC (PACKAGE)

To describe the number and type of packages/physical units.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-------|-------------------------------------|----------|----------|--|
| 7224 | Number of packages | O N..8 | O N..8 | Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. |
| C202 | PACKAGE TYPE | O | O | Type of package by name or by code from a specified source. Max. occurrences is 1. |
| 7065 | Type of packages identification | O AN..17 | O AN..17 | Coded description of the form in which goods are presented. |
| 1131 | Code list qualifier | O AN..3 | O AN..3 | Identification of a code list. Standard codelist for _1131 is supported. |
| 3055 | Code list responsible agency, coded | O AN..3 | O AN..3 | Code identifying the agency responsible for a code list. Standard codelist for _3055 is supported. |
| 7064 | Type of packages | O AN..35 | O AN..35 | Description of the form in which goods are presented. |
| C402 | PACKAGE TYPE IDENTIFICATION | O | O | Identification of the form in which goods are described. Max. occurrences is 1. |
| 7077 | Item description type, coded | M AN..3 | M AN..3 | Code indicating the format of a description. Standard codelist for _7077 is supported. |
| 7064 | Type of packages | M AN..35 | M AN..35 | Description of the form in which goods are presented. |
| 7143 | Item number type, coded | O AN..3 | O AN..3 | Identification of the type of item number. Standard codelist for _7143 is supported. |
| 7064 | Type of packages | O AN..35 | O AN..35 | Description of the form in which goods are presented. |

| Label | Name | Standard | Impl | Comment |
|-------|--|----------|---------|---|
| 7143 | Item number type, coded | O AN..3 | O AN..3 | Identification of the type of item number. Standard codelist for _7143 is supported. |
| C532 | RETURNABLE PACKAGE DETAILS | O | O | Indication of responsibility for payment and load contents of returnable packages. Max. occurrences is 1. |
| 8395 | Returnable package freight payment responsibility, coded | O AN..3 | O AN..3 | To indicate responsibility for payment of return freight charges for packaging that is returnable. Standard codelist for _8395 is supported. |

3.7.2.2 MEA_PD (MEASUREMENTS)

To specify physical measurements, including dimension tolerances, weights and counts.

This segment is optional here.

Max. occurrences is 10.

| Label | Name | Standard | Impl | Comment | | | | | | |
|-------------|--|----------|----------|---|-------------|--------------------|-----|--|--|--|
| 6311 | Measurement purpose qualifier | M AN..3 | M AN..3 | Specification of the purpose of the measurement. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>PD</td> <td>Physical dimensions (product ordered)</td> </tr> <tr> <td></td> <td>Specified measurement dimensions refer to physical dimensions of a product, material or package.</td> </tr> </table> | Code | Description | PD | Physical dimensions (product ordered) | | Specified measurement dimensions refer to physical dimensions of a product, material or package. |
| Code | Description | | | | | | | | | |
| PD | Physical dimensions (product ordered) | | | | | | | | | |
| | Specified measurement dimensions refer to physical dimensions of a product, material or package. | | | | | | | | | |
| C502 | MEASUREMENT DETAILS | O | O | Identification of measurement type. Max. occurrences is 1. | | | | | | |
| 6313 | Property measured, coded | O AN..3 | M AN..3 | Specification of the property measured. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>AAB</td> <td>Unit gross weight</td> </tr> <tr> <td></td> <td>[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.</td> </tr> </table> | Code | Description | AAB | Unit gross weight | | [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. |
| Code | Description | | | | | | | | | |
| AAB | Unit gross weight | | | | | | | | | |
| | [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. | | | | | | | | | |
| 6321 | Measurement significance, coded | O AN..3 | Not used | | | | | | | |
| 6155 | Measurement attribute identification | O AN..17 | Not used | | | | | | | |
| 6154 | Measurement attribute | O AN..70 | O AN..70 | To specify non-discrete measurement values. | | | | | | |
| C174 | VALUE/RANGE | O | O | Measurement value and relevant minimum and maximum tolerances in that order. Max. occurrences is 1. | | | | | | |
| 6411 | Measure unit qualifier | M AN..3 | M AN..3 | Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. | | | | | | |
| 6314 | Measurement value | O AN..18 | O AN..18 | Value of the measured unit. | | | | | | |

| Label | Name | Standard | Impl | Comment |
|-------|--------------------------------|----------|---------|---|
| 6162 | Range minimum | O N..18 | O N..18 | Minimum of a range. |
| 6152 | Range maximum | O N..18 | O N..18 | Maximum of a range. |
| 6432 | Significant digits | O N..2 | O N..2 | To specify the number of significant digits. |
| 7383 | Surface/layer indicator, coded | O AN..3 | O AN..3 | Code indicating the surface or layer of a product that is being described. Standard codelist for _7383 is supported. |

3.7.2.3 QTY_52 (QUANTITY)

To specify a pertinent quantity.

This segment is optional here.

Max. occurrences is 10.

| Label | Name | Standard | Impl | Comment | | | | |
|-------|---------------------------|----------|---------|---|------|-------------|----|-------------------|
| C186 | QUANTITY DETAILS | M | M | Quantity information in a transaction, qualified when relevant. Max. occurrences is 1. | | | | |
| 6063 | Quantity qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a quantity. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>52</td> <td>Quantity per pack</td> </tr> </tbody> </table> Self explanatory. | Code | Description | 52 | Quantity per pack |
| Code | Description | | | | | | | |
| 52 | Quantity per pack | | | | | | | |
| 6060 | Quantity | M N..15 | M N..15 | Numeric value of a quantity. | | | | |
| 6411 | Measure unit qualifier | O AN..3 | O AN..3 | Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. | | | | |

3.7.2.4 SG13

| | | | | | | | | | | | | | | | | | | | |
|----------|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| N | | a | L | m | e | M | v | e | e | a | C | I | x | o | n | O | t | c | e |
| P | C | 5 | I | - | 4 | 11 | 6 | P | - | A | 1 | C7 | K | A | | | | | |
| [S | G | 5 | 1 | - | 4 | 9 | 9 | J | G | O | O | O | D | | | | | | |
| G | I | 6N | - | 1 | B | J | G | O | O | D | | | | | | | | | |

This segment group is optional here.
Max. occurrences is 1,000.

3.7.2.4.1 PCI_16_17 (PACKAGE IDENTIFICATION)

To specify markings and labels on individual packages or physical units.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-------|-----------------------------|----------|---------|--|
| 4233 | Marking instructions, coded | O AN..3 | M AN..3 | Code indicating instructions on how specified packages or physical units should be marked. Code Description 16 Buyer's instructions Markings as specified by the buyer. 17 Seller's instructions Markings as specified by the seller. |

3.7.2.4.2 SG14

| N | Level | a | Max Occ. | m | Content | e |
|----------|--------------|----------|-----------------|----------|-----------------------|----------|
| GIN_BJ | 6 | | 1 | | GOODS IDENTITY NUMBER | |

This segment group is optional here.
Max. occurrences is 99.

3.7.2.4.2.1 GIN_BJ (GOODS IDENTITY NUMBER)

To give specific identification numbers, either as single numbers or ranges.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | |
|-------|---|----------|----------|--|------|-------------|----|---|
| 7405 | Identity number qualifier | M AN..3 | M AN..3 | Code specifying the type/source of identity number. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>BJ</td> <td>Serial shipping container code Serial code uniquely identifying a shipping container.</td> </tr> </tbody> </table> | Code | Description | BJ | Serial shipping container code Serial code uniquely identifying a shipping container. |
| Code | Description | | | | | | | |
| BJ | Serial shipping container code Serial code uniquely identifying a shipping container. | | | | | | | |
| C208 | IDENTITY NUMBER RANGE | M | M | Goods item identification numbers, start and end of consecutively numbered range. Max. occurrences is 1. | | | | |
| 7402 | Identity number | M AN..35 | M AN..35 | The number given to an object for its unique identification. | | | | |
| 7402 | Identity number | O AN..35 | O AN..35 | The number given to an object for its unique identification. | | | | |

3.7.3 SG15

| N a m e | L e v e l | M a x | O c c o c n t e n t |
|-----------------|-----------|-------|---------------------------|
| L I N _ B P4 | 1 | | L I N E I T E M |
| P I A _ M # | 1 0 | | A D D I T I O N A L P F |
| M E A _ P 4D | 1 0 | | M E A S U R E M E N T |
| Q T Y _ 1 42 | 1 0 | | Q U A N T I T Y |
| S G 2 0 4 | 9 9 9 9 | | |
| P C I _ 1 35 | 1 | | P A C K A G E I D E N |
| D T M _ 3 5 6 4 | 5 | | D A T E / T I M E / P E R |
| Q T Y _ 1 52 | 1 | | Q U A N T I T Y |
| S G 2 1 5 | 1 0 | | |
| G I N _ B & | 1 | | G O O D S I D E N T I |

This segment group is optional here.
Max. occurrences is 9,999.

3.7.3.1 LIN_BP (LINE ITEM)

To identify a line item and configuration.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-------|-------------------------------------|----------|----------|---|
| 1082 | Line item number | O AN..6 | O AN..6 | Serial number designating each separate item within a series of articles. |
| C212 | ITEM NUMBER IDENTIFICATION | O | O | Goods identification for a specified source. Max. occurrences is 1. |
| 7140 | Item number | O AN..35 | M AN..35 | A number allocated to a group or item. |
| 7143 | Item number type, coded | O AN..3 | M AN..3 | Identification of the type of item number. Code Description BP Buyer's part number Reference number assigned by the buyer to identify an article. |
| 1131 | Code list qualifier | O AN..3 | O AN..3 | Identification of a code list. Standard codelist for _1131 is supported. |
| 3055 | Code list responsible agency, coded | O AN..3 | O AN..3 | Code identifying the agency responsible for a code list. Standard codelist for _3055 is supported. |
| 1222 | Configuration level | O N..2 | O N..2 | Number indicating the level of an object which is in a hierarchy. |
| 7083 | Configuration, coded | O AN..3 | O AN..3 | Code indicating the status of the sub-line item in the configuration. Standard codelist for _7083 is supported. |

3.7.3.2 PIA_MF (ADDITIONAL PRODUCT ID)

To specify additional or substitutional item identification codes.

This segment is optional here.

Max. occurrences is 10.

| Label | Name | Standard | Impl | Comment | | | | | | |
|-------------|---|----------|----------|---|-------------|--------------------|----|---|--|---|
| 4347 | Product id. function qualifier | M AN..3 | M AN..3 | Indication of the function of the product code. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>1</td> <td>Additional identification</td> </tr> <tr> <td></td> <td>Information which specifies and qualifies product identifications.</td> </tr> </table> | Code | Description | 1 | Additional identification | | Information which specifies and qualifies product identifications. |
| Code | Description | | | | | | | | | |
| 1 | Additional identification | | | | | | | | | |
| | Information which specifies and qualifies product identifications. | | | | | | | | | |
| C212 | ITEM NUMBER IDENTIFICATI ON | M | M | Goods identification for a specified source. Max. occurrences is 1. | | | | | | |
| 7140 | Item number | O AN..35 | M AN..35 | A number allocated to a group or item. | | | | | | |
| 7143 | Item number type, coded | O AN..3 | M AN..3 | Identification of the type of item number. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>MF</td> <td>Manufacturer's (producer's) article number</td> </tr> <tr> <td></td> <td>The number given to an article by its manufacturer.</td> </tr> </table> | Code | Description | MF | Manufacturer's (producer's) article number | | The number given to an article by its manufacturer. |
| Code | Description | | | | | | | | | |
| MF | Manufacturer's (producer's) article number | | | | | | | | | |
| | The number given to an article by its manufacturer. | | | | | | | | | |
| 1131 | Code list qualifier | O AN..3 | O AN..3 | Identification of a code list. Standard codelist for _1131 is supported. | | | | | | |
| 3055 | Code list responsible agency, coded | O AN..3 | O AN..3 | Code identifying the agency responsible for a code list. Standard codelist for _3055 is supported. | | | | | | |

3.7.3.3 MEA_PD (MEASUREMENTS)

To specify physical measurements, including dimension tolerances, weights and counts.

This segment is mandatory here.

Max. occurrences is 10.

| Label | Name | Standard | Impl | Comment | | | | |
|-------------|--|----------|----------|--|-------------|--------------------|-----|--|
| 6311 | Measurement purpose qualifier | M AN..3 | M AN..3 | <p>Specification of the purpose of the measurement.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>PD</td> <td>Physical dimensions (product ordered)</td> </tr> </table> <p>Specified measurement dimensions refer to physical dimensions of a product, material or package.</p> | Code | Description | PD | Physical dimensions (product ordered) |
| Code | Description | | | | | | | |
| PD | Physical dimensions (product ordered) | | | | | | | |
| C502 | MEASUREM NT DETAILS | O | O | <p>Identification of measurement type.</p> <p>Max. occurrences is 1.</p> | | | | |
| 6313 | Property measured, coded | O AN..3 | M AN..3 | <p>Specification of the property measured.</p> <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>AAB</td> <td>Unit gross weight</td> </tr> </table> <p>[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.</p> | Code | Description | AAB | Unit gross weight |
| Code | Description | | | | | | | |
| AAB | Unit gross weight | | | | | | | |
| 6321 | Measurement significance, coded | O AN..3 | O AN..3 | <p>Code specifying the significance of a measurement value.</p> <p>Standard codelist for _6321 is supported.</p> | | | | |
| 6155 | Measurement attribute identification | O AN..17 | O AN..17 | <p>Code used to specify non-discrete measurement values.</p> <p>Standard codelist for _6155 is supported.</p> | | | | |
| 6154 | Measurement attribute | O AN..70 | O AN..70 | <p>To specify non-discrete measurement values.</p> | | | | |
| C174 | VALUE/RANG E | O | O | <p>Measurement value and relevant minimum and maximum tolerances in that order.</p> <p>Max. occurrences is 1.</p> | | | | |

| Label | Name | Standard | Impl | Comment |
|-------|------------------------|----------|----------|--|
| 6411 | Measure unit qualifier | M AN..3 | M AN..3 | Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. |
| 6314 | Measurement value | O AN..18 | M AN..18 | Value of the measured unit. |
| 6162 | Range minimum | O N..18 | O N..18 | Minimum of a range. |
| 6152 | Range maximum | O N..18 | O N..18 | Maximum of a range. |
| 6432 | Significant digits | O N..2 | O N..2 | To specify the number of significant digits. |

3.7.3.4 QTY_12 (QUANTITY)

To specify a pertinent quantity.

This segment is mandatory here.

Max. occurrences is 10.

| Label | Name | Standard | Impl | Comment | | | | | | | | | | |
|-------|------------------------------------|----------|---------|---|------|-------------|-----|--------------------------|----|------------------------------------|-----|--------------|-----|-------------|
| C186 | QUANTITY DETAILS | M | M | Quantity information in a transaction, qualified when relevant. Max. occurrences is 1. | | | | | | | | | | |
| 6063 | Quantity qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a quantity. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Despatch quantity</td> </tr> <tr> <td></td> <td>Quantity despatched by the seller.</td> </tr> </tbody> </table> | Code | Description | 12 | Despatch quantity | | Quantity despatched by the seller. | | | | |
| Code | Description | | | | | | | | | | | | | |
| 12 | Despatch quantity | | | | | | | | | | | | | |
| | Quantity despatched by the seller. | | | | | | | | | | | | | |
| 6060 | Quantity | M N..15 | M N..15 | Numeric value of a quantity. | | | | | | | | | | |
| 6411 | Measure unit qualifier | O AN..3 | M AN..3 | Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>KGM</td> <td>Kilogram</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> <tr> <td>LBR</td> <td>Pound</td> </tr> <tr> <td>GRM</td> <td>Gram</td> </tr> </tbody> </table> | Code | Description | KGM | Kilogram | EA | Each | LBR | Pound | GRM | Gram |
| Code | Description | | | | | | | | | | | | | |
| KGM | Kilogram | | | | | | | | | | | | | |
| EA | Each | | | | | | | | | | | | | |
| LBR | Pound | | | | | | | | | | | | | |
| GRM | Gram | | | | | | | | | | | | | |

3.7.3.5 SG20

| | | | | | | | | | | | | | | | | | | |
|----------|----------|-----------|----------|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| N | a | mL | e | e | v | Me | la | x | o | O | n | c | t | c | e | . | n | t |
| P | C | I | 5 | 1 | 3 | 1 | | P | A | C | K | A | G | E | | | | |
| D | T | M | 5 | - | 3 | 56 | 4 | D | A | T | E | / | T | I | | | | |
| Q | T | Y | 5 | - | 1 | 21 | | Q | U | A | N | | T | I | T | | | |
| S | G | 2 | 5 | 1 | | 1 | 0 | | | | | | | | | | | |
| G | I | N | 6 | - | B | X | 1 | G | O | O | D | S | I | | | | | |

This segment group is optional here.
 Max. occurrences is 9,999.

3.7.3.5.1 PCI_13 (PACKAGE IDENTIFICATION)

To specify markings and labels on individual packages or physical units.

Production/manufacture date

PCI+13+202002'

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | | | |
|-------------|---------------------------------|----------|---------|--|-------------|--------------------|----|--------------------------------|--|-------------------|
| 4233 | Marking instructions, coded | O AN..3 | M AN..3 | Code indicating instructions on how specified packages or physical units should be marked. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>13</td> <td>Mark date of production</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> </table> | Code | Description | 13 | Mark date of production | | Self explanatory. |
| Code | Description | | | | | | | | | |
| 13 | Mark date of production | | | | | | | | | |
| | Self explanatory. | | | | | | | | | |
| 8275 | Container/package status, coded | O AN..3 | O AN..3 | Code to identify whether goods of separate description or comprising separate consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty. Standard codelist for _8275 is supported. | | | | | | |

3.7.3.5.2 DTM_364 (DATE/TIME/PERIOD)

To specify date, and/or time, or period.

This segment is optional here.

Max. occurrences is 5.

| Label | Name | Standard | Impl | Comment |
|-------|-----------------------------------|----------|----------|--|
| C507 | DATE/TIME/PERIOD | M | M | Date and/or time, or period relevant to the specified date/time/period type. Max. occurrences is 1. |
| 2005 | Date/time/period qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a date, time or period. Code Description 364 Minimum shelf life remaining at time of despatch period Period indicating the minimum shelf life remaining for a product at the time of leaving the supplier. |
| 2380 | Date/time/period | O AN..35 | M AN..35 | The value of a date, a date and time, a time or of a period in a specified representation. |
| 2379 | Date/time/period format qualifier | O AN..3 | M AN..3 | Specification of the representation of a date, a date and time or of a period. Code Description 102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day. 203 CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes. |

3.7.3.5.3 QTY_12 (QUANTITY)

To specify a pertinent quantity.

This segment is optional here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | | | | | | | |
|-------|------------------------------------|----------|---------|---|------|-------------|-----|--------------------------|----|------------------------------------|-----|--------------|-----|-------------|
| C186 | QUANTITY DETAILS | M | M | Quantity information in a transaction, qualified when relevant. Max. occurrences is 1. | | | | | | | | | | |
| 6063 | Quantity qualifier | M AN..3 | M AN..3 | Code giving specific meaning to a quantity. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Despatch quantity</td> </tr> <tr> <td></td> <td>Quantity despatched by the seller.</td> </tr> </tbody> </table> | Code | Description | 12 | Despatch quantity | | Quantity despatched by the seller. | | | | |
| Code | Description | | | | | | | | | | | | | |
| 12 | Despatch quantity | | | | | | | | | | | | | |
| | Quantity despatched by the seller. | | | | | | | | | | | | | |
| 6060 | Quantity | M N..15 | M N..15 | Numeric value of a quantity. | | | | | | | | | | |
| 6411 | Measure unit qualifier | O AN..3 | M AN..3 | Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>KGM</td> <td>Kilogram</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> <tr> <td>LBR</td> <td>Pound</td> </tr> <tr> <td>GRM</td> <td>Gram</td> </tr> </tbody> </table> | Code | Description | KGM | Kilogram | EA | Each | LBR | Pound | GRM | Gram |
| Code | Description | | | | | | | | | | | | | |
| KGM | Kilogram | | | | | | | | | | | | | |
| EA | Each | | | | | | | | | | | | | |
| LBR | Pound | | | | | | | | | | | | | |
| GRM | Gram | | | | | | | | | | | | | |

3.7.3.5.4 SG21

| N | Level | a | Max Occ. | m | Content | e |
|----------|--------------|----------|-----------------|----------|-----------------------|----------|
| GIN_BX | 6 | | 1 | | GOODS IDENTITY NUMBER | |

This segment group is optional here.
Max. occurrences is 10.

3.7.3.5.4.1 GIN_BX (GOODS IDENTITY NUMBER)

To give specific identification numbers, either as single numbers or ranges.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment | | | | |
|-------------|---------------------------|----------|----------|---|-------------|--------------------|----|---------------------|
| 7405 | Identity number qualifier | M AN..3 | M AN..3 | Code specifying the type/source of identity number. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>BX</td> <td>Batch number</td> </tr> </table> Unique number affixed by manufacturer to a batch of products produced under similar conditions. | Code | Description | BX | Batch number |
| Code | Description | | | | | | | |
| BX | Batch number | | | | | | | |
| C208 | IDENTITY NUMBER RANGE | M | M | Goods item identification numbers, start and end of consecutively numbered range. Max. occurrences is 1. | | | | |
| 7402 | Identity number | M AN..35 | M AN..35 | The number given to an object for its unique identification. | | | | |
| 7402 | Identity number | O AN..35 | Not used | | | | | |

3.8 UNT (MESSAGE TRAILER)

To end and check the completeness of a message.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-------|-----------------------------------|----------|----------|---|
| 0074 | Number of segments in the message | M N..6 | M N..6 | Control count of number of segments in a message. |
| 0062 | Message reference number | M AN..14 | M AN..14 | Unique message reference assigned by the sender. |

4 UNZ (INTERCHANGE TRAILER)

To end and check the completeness of an interchange.

This segment is mandatory here.

Max. occurrences is 1.

| Label | Name | Standard | Impl | Comment |
|-------|-------------------------------|----------|----------|---|
| 0036 | Interchange control count | M N..6 | M N..6 | The count either of the number of messages or, if used, of the number of functional groups in an interchange. One of these counts shall appear. |
| 0020 | Interchange control reference | M AN..14 | M AN..14 | Unique reference assigned by the sender to an interchange. |

DESADV SAMPLE FILE WITH MULTIPLE BATCH NUMBERS:

UNA:+.? '
UNB+UNOC:3+SENDERID:01+131522401S:ZZ:RECEIVERID+200709:0012+000000000
00432+ +DESADV'
UNH+1+DESADV:D:97A:UN:EDDS07'
BGM+351+3111111111+9'
DTM+137:20200719:102'
DTM+11:20200709:102'
RFF+CN:3637111111'
RFF+ON:4500000000'
NAD+MI+OUSDKIKEG06::92++KIMBALL ELECTRONICS (THAILAND) LTD.'
NAD+ST+IUSDKIKEG06::92++KIMBALL ELECTRONICS (THAILAND) LTD.'
NAD+SU+40000000::92++PARTNER NAME'
TDT+20++6++::182:DHL AIR COURIER'
CPS+1++4'
LIN+000010++111111:BP::92'
PIA+1+TPS222222222:MF::91'
MEA+PD+AAB+KGM:600'
QTY+12:30000:EA'
PCI+13+20200110'
QTY+12:7500:EA'
GIN+BX+Batch 1'
PCI+13+20200210'
QTY+12:7500:EA'
GIN+BX+Batch 2'
PCI+13+20200310'
QTY+12:15000:EA'
GIN+BX+Batch 3'
UNT+28+1'
UNZ+1+000000000000432'