



852 Product Activity Data - Canada

VICS EDI

Version: 005050VICS

| | |
|---------------------|----------------------------------|
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852

Product Activity Data - Canada

Functional Group=PD

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets. The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

A functional profile that describes the use of this transaction set for Canada.

Heading:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|---------------------|-----------|---|------------|----------------|---------------|-----------------|--------------|-------------|
| 0100 | ST | Transaction Set Header | M | 1 | | | Must use | 3 |
| 0200 | XQ | Reporting Date/Action | M | 1 | | | Must use | 4 |
| 0300 | XPO | Preassigned Purchase Order Numbers | O | >1 | | | Used | 5 |
| 0400 | N9 | Extended Reference Information | O | >1 | | | Used | 6 |
| * 0500 | PER | Administrative Communications Contact | O | 3 | | | | N/A |
| LOOP ID - N1 | | | | | 200 | N1/0600L | | 7 |
| 0600 | N1 | Party Identification | O | 1 | | N1/0600 | Used | 8 |
| 0700 | N2 | Additional Name Information | O | 1 | | | Used | 10 |
| 0800 | N3 | Party Location | O | 2 | | | Used | 11 |
| 0900 | N4 | Geographic Location | O | 1 | | | Used | 12 |
| * 1000 | FOB | F.O.B. Related Instructions | O | 1 | | | | N/A |
| * 1100 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 1 | | | | N/A |
| * 1200 | DTM | Date/Time Reference | O | >1 | | | | N/A |
| * 1300 | N9 | Extended Reference Information | O | >1 | | | | N/A |
| * 1400 | PER | Administrative Communications Contact | O | 3 | | | | N/A |

Detail:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|----------------------|-----------|--|------------|----------------|---------------|--------------|--------------|-------------|
| LOOP ID - LIN | | | | | 999999 | | | 13 |
| 0100 | LIN | Item Identification | O | 1 | | | Used | 14 |
| 0200 | CTP | Pricing Information | O | 25 | | | Used | 17 |
| * 0250 | SAC | Service, Promotion, Allowance, or Charge Information | O | >1 | | | | N/A |
| 0300 | PO4 | Item Physical Details | O | 1 | | | Used | 19 |
| * 0400 | N9 | Extended Reference Information | O | >1 | | | | N/A |
| * 0500 | AMT | Monetary Amount Information | O | 10 | | | | N/A |
| * 0600 | PAL | Pallet Type and Load Characteristics | O | 1 | | | | N/A |
| * 0700 | QTY | Quantity Information | O | >1 | | | | N/A |

| <u>LOOP ID - ZA</u> | | | | | <u>>1</u> | <u>N2/0800L</u> | | |
|----------------------|------------|----------------------------|---|----|--------------|-----------------|----------|-----|
| 0800 | <u>ZA</u> | Product Activity Reporting | M | 1 | | N2/0800 | Must use | 21 |
| * 0900 | <u>QTY</u> | Quantity Information | O | >1 | | | | 22 |
| 1000 | <u>CTP</u> | Pricing Information | O | 25 | | | Used | N/A |
| 1100 | <u>SDQ</u> | Destination Quantity | O | >1 | | | Used | 25 |
| <u>LOOP ID - G95</u> | | | | | <u>1</u> | | | |
| 1200 | <u>G95</u> | Performance Requirements | O | 1 | | | Used | 26 |
| 1300 | <u>DTM</u> | Date/Time Reference | O | 2 | | | Used | 29 |

Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|------------|------------|-------------------------|------------|----------------|---------------|--------------|--------------|-------------|
| 0100 | <u>CTT</u> | Transaction Totals | O | 1 | | N3/0100 | Used | 34 |
| 0200 | <u>SE</u> | Transaction Set Trailer | M | 1 | | | Must use | 35 |

Notes:

- 1/0600L The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are mutually exclusive (the SDQ and the N1 with N101 containing RL).
- 1/0600 The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are mutually exclusive (the SDQ and the N1 with N101 containing RL).
- 2/0800L The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
- 2/0800 The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
- 3/0100 The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set.
When sending item and activity data in the LIN loop, the CTT segment is required.

ST Transaction Set Header

| | |
|---------------------|-------------|
| Pos: 0100 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------------|------------|-------------|----------------|--------------|
| ST01 | 143 | Transaction Set Identifier Code | M | ID | 3/3 | Must use |

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 319, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------|
| 852 | Product Activity Data |

| | | | | | | |
|------|-----|--------------------------------|---|----|-----|----------|
| ST02 | 329 | Transaction Set Control Number | M | AN | 4/9 | Must use |
|------|-----|--------------------------------|---|----|-----|----------|

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

XQ Reporting Date/Action

| | |
|---------------------|-------------|
| Pos: 0200 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 3 |

User Option (Usage): Must use

Purpose: To specify reporting dates, actions to be taken and an identifying number

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------|------------|-------------|----------------|--------------|
| XQ01 | 305 | Transaction Handling Code | M | ID | 1/2 | Must use |

Description: Code designating the action to be taken by all parties

Use of code F or G requires the supplier to advise the distributor/warehouse of replenishment quantity usually via Transaction Set 855 or Transaction Set 856.

CodeList Summary (Total Codes: 23, Included: 3)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| F | Plan and Submit Suggested Purchase Order(s) |
| G | Plan Order(s) and Ship Product |
| H | Notification Only |

| | | | | | | |
|------|-----|------|---|----|-----|----------|
| XQ02 | 373 | Date | M | DT | 8/8 | Must use |
|------|-----|------|---|----|-----|----------|

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

| | | | | | | |
|------|-----|------|---|----|-----|------|
| XQ03 | 373 | Date | O | DT | 8/8 | Used |
|------|-----|------|---|----|-----|------|

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Semantics:

1. XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ03 is the end date.
2. XQ04 is a unique report identifier assigned by the sender.

XPO Preassigned Purchase Order Numbers

| | |
|--------------------|-------------|
| Pos: 0300 | Max: >1 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Used

Purpose: To transmit preassigned purchase order numbers

This segment is used only when purchase order number assignment has not previously been established by trading partners.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|-----------|-----------------------|------------|-------------|----------------|--------------|
| XPO01 | 324 | Purchase Order Number | M | AN | 1/22 | Must use |
| Description: Identifying number for Purchase Order assigned by the orderer/purchaser | | | | | | |
| XPO02 | 324 | Purchase Order Number | O | AN | 1/22 | Used |
| Description: Identifying number for Purchase Order assigned by the orderer/purchaser | | | | | | |

Syntax Rules:

1. P0304 - If either XPO03 or XPO04 is present, then the other is required.

Semantics:

1. XPO01 is the preassigned purchase order number. If a range of purchase order numbers is to be transmitted, use XPO01 for the first number and XPO02 as the ending number.

Comments:

1. XPO03 and XPO04 specify the location to which the purchase order numbers apply.

N9 Extended Reference Information

| | |
|--------------------|-------------|
| Pos: 0400 | Max: >1 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| N901 | 128 | Reference Identification Qualifier | M | ID | 2/3 | Must use |

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1777, Included: 6)

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| AH | Agreement Number |
| D3 | National Council for Prescription Drug Programs Pharmacy Number <i>Refer to Source Code 307 for reference document.</i> |
| DP | Department Number |
| IA | Internal Vendor Number <i>Identification number assigned to the vendor, by the retailer, for use within the retailer's system</i> |
| IT | Internal Customer Number |
| PD | Promotion/Deal Number |

| | | | | | | |
|------|-----|--------------------------|---|----|------|----------|
| N902 | 127 | Reference Identification | X | AN | 1/80 | Must use |
|------|-----|--------------------------|---|----|------|----------|

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Loop Party Identification

| | |
|-----------|---------------|
| Pos: 0600 | Repeat: 200 |
| Optional | |
| Loop: N1 | Elements: N/A |

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|-----------------------------|------------|----------------|---------------|--------------|
| 0600 | N1 | Party Identification | O | 1 | | Used |
| 0700 | N2 | Additional Name Information | O | 1 | | Used |
| 0800 | N3 | Party Location | O | 2 | | Used |
| 0900 | N4 | Geographic Location | O | 1 | | Used |

N1 Party Identification

| | |
|---------------------------|--------------------|
| Pos: 0600 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 4 |

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

This segment is used to identify the retailer's location as it pertains to product activity data and must contain the identity of each organizational entity or a physical location. This is accomplished in one of two ways:

BASIC

There will be at least one occurrence of this segment to identify the retailer's reporting location. If XQ01 contains code G, it is assumed that, for a particular reporting location, the vendor has the bill to and ship to.

SPREADSHEET

The SDQ segment identifies the retailer's reporting locations. Therefore, code RL is not used in the N1 segment for the spreadsheet product activity.

In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set. To identify the sender of the transaction set, N101 will contain code FR. To identify the receiver of the transaction set, N101 will contain code TO.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-------------------------------|------------|-------------|----------------|--------------|
| N101 | 98 | Entity Identifier Code | M | ID | 2/3 | Must use |

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1506, Included: 6)

| <u>Code</u> | <u>Name</u> |
|-------------|--------------------|
| BS | Bill and Ship To |
| BT | Bill-to-Party |
| FR | Message From |
| RL | Reporting Location |
| ST | Ship To |
| TO | Message To |

| | | | | | | |
|------|----|-------------|---|----|------|------|
| N102 | 93 | Name | X | AN | 1/60 | Used |
|------|----|-------------|---|----|------|------|

Description: Free-form name

| | | | | | | |
|------|----|--------------------------------------|---|----|-----|----------|
| N103 | 66 | Identification Code Qualifier | X | ID | 1/2 | Must use |
|------|----|--------------------------------------|---|----|-----|----------|

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 249, Included: 6)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| 1 | D-U-N-S Number, Dun & Bradstreet <i>See External Code Source 16 in Section III for reference document.</i> |
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>See External Code Source 16 in Section III for reference document.</i> |
| 21 | Health Industry Number (HIN) <i>See External Code Source 121 in Section III for reference document.</i> |
| 91 | Assigned by Seller or Seller's Agent |
| 92 | Assigned by Buyer or Buyer's Agent |
| UL | Global Location Number (GLN) |

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

*This is the 13-digit Global Location Number (GLN).
See External Code Source 583 in Section III for reference document.*

| | | | | | | |
|------|----|----------------------------|---|----|------|----------|
| N104 | 67 | Identification Code | X | AN | 2/80 | Must use |
|------|----|----------------------------|---|----|------|----------|

Description: Code identifying a party or other code
This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N2 Additional Name Information

| | |
|--------------------|-------------|
| Pos: 0700 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 2 |

User Option (Usage): Used

Purpose: To specify additional names

This segment is normally not used in this transaction set.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| N201 | 93 | Name | M | AN | 1/60 | Must use |
| | | Description: Free-form name | | | | |
| N202 | 93 | Name | O | AN | 1/60 | Used |
| | | Description: Free-form name | | | | |

N3 Party Location

| | |
|--------------------|-------------|
| Pos: 0800 | Max: 2 |
| Heading - Optional | |
| Loop: N1 | Elements: 2 |

User Option (Usage): Used

Purpose: To specify the location of the named party

This segment is normally not used in this transaction set.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| N301 | 166 | Address Information | M | AN | 1/55 | Must use |
| | | Description: Address information | | | | |
| N302 | 166 | Address Information | O | AN | 1/55 | Used |
| | | Description: Address information | | | | |

N4 Geographic Location

| | |
|--------------------|-------------|
| Pos: 0900 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 4 |

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

This segment is normally not used in this transaction set.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|---------------|----------------|--------------|
| N401 | 19 | City Name | O | AN | 2/30 | Used |
| | | Description: Free-form text for city name | | | | |
| N402 | 156 | State or Province Code | X | ID | 2/2 | Used |
| | | Description: Code (Standard State/Province) as defined by appropriate government agency <i>See External Code Source 22 in Section III for reference document.</i> | | | | |
| N403 | 116 | Postal Code | O | ID | 3/15 | Used |
| | | Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <i>See External Code Source 51 in Section III for reference document.</i> | | | | |
| N404 | 26 | Country Code | X | ID | 2/3 | Used |
| | | Description: Code identifying the country <i>See External Code Source 5 in Section III for reference document.</i> | | | | |
| | | CA | | Canada | | |
| | | MX | | Mexico | | |
| | | US | | United States | | |

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

Loop Item Identification

| | |
|-----------|-------------------|
| Pos: 0100 | Repeat: 999999 |
| Optional | |
| Loop: LIN | Elements: N/A |

User Option (Usage): Used

Purpose: To specify basic item identification data

Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|-----------------------|------------|----------------|---------------|--------------|
| 0100 | LIN | Item Identification | O | 1 | | Used |
| 0200 | CTP | Pricing Information | O | 25 | | Used |
| 0300 | PO4 | Item Physical Details | O | 1 | | Used |
| 0800 | | Loop ZA | M | | >1 | Must use |

LIN Item Identification

| | |
|--------------------------|--------------------|
| Pos: 0100 | Max: 1 |
| Detail - Optional | |
| Loop: LIN | Elements: 9 |

User Option (Usage): Used

Purpose: To specify basic item identification data

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|-----------|-------------------------------------|------------|---|----------------|--------------|
| LIN01 | 350 | Assigned Identification | O | AN | 1/20 | Used |
| Description: Alphanumeric characters assigned for differentiation within a transaction set | | | | | | |
| LIN02 | 235 | Product/Service ID Qualifier | M | ID | 2/2 | Must use |
| Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | |
| CodeList Summary (Total Codes: 532, Included: 7) | | | | | | |
| | | <u>Code</u> | | <u>Name</u> | | |
| | | CA | | Case | | |
| | | EN | | GTIN EAN/UCC - 13 Digit Data Structure | | |
| | | | | Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) | | |
| | | EO | | GTIN EAN/UCC - 8 Digit Data Structure | | |
| | | | | Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) | | |
| | | IN | | Buyer's Item Number | | |
| | | UK | | GTIN 14-digit Data Structure | | |
| | | | | Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) | | |
| | | UP | | GTIN UCC - 12 Digit Data Structure | | |
| | | | | Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.) | | |
| | | VN | | Vendor's (Seller's) Item Number | | |
| LIN03 | 234 | Product/Service ID | M | AN | 1/48 | Must use |
| Description: Identifying number for a product or service | | | | | | |
| LIN04 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
| Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | | | |
| CodeList Summary (Total Codes: 532, Included: 7) | | | | | | |
| | | <u>Code</u> | | <u>Name</u> | | |
| | | CA | | Case | | |
| | | EN | | GTIN EAN/UCC - 13 Digit Data Structure | | |
| | | | | Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) | | |
| | | EO | | GTIN EAN/UCC - 8 Digit Data Structure | | |
| | | | | Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) | | |
| | | IN | | Buyer's Item Number | | |
| | | UK | | GTIN 14-digit Data Structure | | |
| | | | | Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) | | |
| | | UP | | GTIN UCC - 12 Digit Data Structure | | |
| | | | | Description: Data structure for the 12 digit EAN.UCC (EAN | | |

| | | | | | | |
|-------|-----|---|---|----|------|---|
| | | | | | | <i>International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)</i> |
| | | VN | | | | Vendor's (Seller's) Item Number |
| LIN05 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: | | | | Identifying number for a product or service |
| LIN06 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
| | | Description: | | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
| | | CodeList Summary (Total Codes: 532, Included: 7) | | | | |
| | | <u>Code</u> | | | | <u>Name</u> |
| | | CA | | | | Case |
| | | EN | | | | GTIN EAN/UCC - 13 Digit Data Structure |
| | | | | | | Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) |
| | | EO | | | | GTIN EAN/UCC - 8 Digit Data Structure |
| | | | | | | Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) |
| | | IN | | | | Buyer's Item Number |
| | | UK | | | | GTIN 14-digit Data Structure |
| | | | | | | Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) |
| | | UP | | | | GTIN UCC - 12 Digit Data Structure |
| | | | | | | Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.) |
| | | VN | | | | Vendor's (Seller's) Item Number |
| LIN07 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: | | | | Identifying number for a product or service |
| LIN08 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
| | | Description: | | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
| | | CodeList Summary (Total Codes: 532, Included: 7) | | | | |
| | | <u>Code</u> | | | | <u>Name</u> |
| | | CA | | | | Case |
| | | EN | | | | GTIN EAN/UCC - 13 Digit Data Structure |
| | | | | | | Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) |
| | | EO | | | | GTIN EAN/UCC - 8 Digit Data Structure |
| | | | | | | Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) |
| | | IN | | | | Buyer's Item Number |
| | | UK | | | | GTIN 14-digit Data Structure |
| | | | | | | Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN) |
| | | UP | | | | GTIN UCC - 12 Digit Data Structure |
| | | | | | | Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.) |
| | | VN | | | | Vendor's (Seller's) Item Number |
| LIN09 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: | | | | Identifying number for a product or service |

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

CTP Pricing Information

| | |
|-------------------|-------------|
| Pos: 0200 | Max: 25 |
| Detail - Optional | |
| Loop: LIN | Elements: 3 |

User Option (Usage): Used

Purpose: To specify pricing information

The prices specified in this segment, in the LIN loop, apply to all quantities in the ZA or SDQ segments. This segment is used to report prices associated with the item and activity. It is not used to report total dollar values. This segment can also be used to further define quantity sold/quantity on order within the associated ZA loop by sales type (i.e., promotion/event sales, clearance/markdown sales, non-promotion/non-markdown sales).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|----------------------------|------------|-------------|----------------|--------------|
| CTP01 | 687 | Class of Trade Code | O | ID | 2/2 | Used |

Description: Code indicating class of trade

CodeList Summary (Total Codes: 62, Included: 6)

| <u>Code</u> | <u>Name</u> |
|-------------|--------------|
| AG | Agent |
| BG | Buying Group |
| DE | Dealer |
| DI | Distributor |
| RS | Resale |
| WH | Wholesaler |

| | | | | | | |
|-------|-----|------------------------------|---|----|-----|----------|
| CTP02 | 236 | Price Identifier Code | X | ID | 3/3 | Must use |
|-------|-----|------------------------------|---|----|-----|----------|

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 168, Included: 7)

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| ALT | Alternate Price |
| CAT | Catalog Price |
| CDV | Current Domestic Value |
| | <i>Retail price of last item sold during the reporting period (last selling price)</i> |
| MSR | Manufacturer's Suggested Retail |
| PRP | Promotional price |
| | <i>Promotion/Event</i> |
| RTL | Retail |
| UCP | Unit cost price |
| | <i>Item list cost</i> |

| | | | | | | |
|-------|-----|-------------------|---|---|------|----------|
| CTP03 | 212 | Unit Price | X | R | 1/17 | Must use |
|-------|-----|-------------------|---|---|------|----------|

Description: Price per unit of product, service, commodity, etc.

The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".

Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10%

- discount is given.
2. CTP08 is the rebate amount.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

PO4 Item Physical Details

| | |
|--------------------------|--------------------|
| Pos: 0300 | Max: 1 |
| Detail - Optional | |
| Loop: LIN | Elements: 3 |

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case. See Section V (Pack/Inner Pack Usage) for usage examples. This segment may be used to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| PO401 | 356 | Pack | O | N0 | 1/6 | Used |
| | | Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container | | | | |
| PO402 | 357 | Size | X | R | 1/8 | Used |
| | | Description: Size of supplier units in pack | | | | |
| PO403 | 355 | Unit or Basis for Measurement Code | X | ID | 2/2 | Used |
| | | Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | |

CodeList Summary (Total Codes: 888, Included: 15)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------|
| BA | Bale |
| BG | Bag |
| BO | Bottle |
| BX | Box |
| CA | Case |
| CN | Can |
| CT | Carton |
| DS | Display |
| DZ | Dozen |
| EA | Each |
| KG | Kilogram |
| LB | Pound |
| PK | Package |
| PL | Pallet/Unit Load |
| RL | Roll |

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop Product Activity Reporting

| | |
|-----------|---------------|
| Pos: 0800 | Repeat: >1 |
| Mandatory | |
| Loop: ZA | Elements: N/A |

User Option (Usage): Must use

Purpose: To provide activity details concerning product being reported

Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|----------------------------|------------|----------------|---------------|--------------|
| 0800 | ZA | Product Activity Reporting | M | 1 | | Must use |
| 1000 | CTP | Pricing Information | O | 25 | | Used |
| 1100 | SDQ | Destination Quantity | O | >1 | | Used |
| 1200 | | Loop G95 | O | | 1 | Used |

ZA Product Activity Reporting

| | |
|---------------------------|--------------------|
| Pos: 0800 | Max: 1 |
| Detail - Mandatory | |
| Loop: ZA | Elements: 7 |

User Option (Usage): Must use

Purpose: To provide activity details concerning product being reported

If ZA02 and ZA03 are used to specify the quantity of the item identified in the LIN segment, the SDQ segment is not used.

All quantity values (ZA03 or quantity values in the SDQ segment) are expressed as a positive number for all activities except for adjustments (code QA and QT in ZA01). An adjustment is any activity, other than a retail sale or warehouse withdrawal, that changes the inventory position for the item. Inter-store transfers are reported as a positive adjustment for the transfer-to store and a negative adjustment for the transfer-from store. An adjustment to inventory can also be made as a result of a physical inventory, for example, shrinkage is reported as a negative adjustment, understated inventory is reported as a positive adjustment.

To express activity in dollars, use the unit of measure DO (Dollars, U.S.) in ZA03 or SDQ01. Multiple ZA segments may be used with the same activity code to specify units and dollars, and, to report activity at different prices. Sales types, promotion/event sales, clearance/markdown sales and non-promotion/non-clearance sales are used in conjunction with a CTP segment to specify the price and/or sales type.

For example, if three stores sold an item for one price and five other stores sold the same item for a different price, two ZA loops may be used to report the sale quantity at the appropriate price. The first ZA loop would contain the price in the CTP segment and one SDQ segment with the three stores/quantities. The second loop would specify the other price and one SDQ segment for the remaining five stores/quantities.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| ZA01 | 859 | Activity Code | M | ID | 2/2 | Must use |

Description: Code identifying activity details for the product being reported

CodeList Summary (Total Codes: 43, Included: 18)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| DG | Quantity Damaged Description: Total product listed as damaged goods |
| HL | Quantity on Hold |
| Q4 | Quantity Ordered <i>Quantity ordered for the specified period</i> |
| QA | Current Inventory Quantity Available for Shipment or Sale Description: Indicates the quantity currently available to be sold or shipped <i>On-hand inventory at store/distribution center/warehouse available for shipment or sale</i> |
| QC | Quantity Committed Description: Quantity reserved for orders not shipped <i>Quantity reserved for consumer delivery/pick up and not yet withdrawn from inventory. Memo quantity to aid in calculating replenishment needs.</i> |
| QD | Additional Demand Quantity <i>Incremental needs over and above normal replenishment calculation</i> |
| QL | Minimum Inventory Quantity Description: The minimum inventory quantity for replenishment purposes <i>To define minimum inventory quantity for replenishment calculations of the total model, i.e., the order point trigger</i> |
| QM | Maximum Inventory Quantity Description: The maximum inventory quantity for replenishment purposes <i>To define maximum inventory quantity for replenishment calculations of the total model, i.e., the order up to level quantity</i> |
| QN | Planned Inventory Quantity Description: To define the planned inventory quantity for replenishment purposes |

Planned inventory level for VMI (Vendor Managed Inventory) replenishment calculations, i.e., the desired level on-hand at the store/distribution center/warehouse. If the quantity is zero, it indicates product replenishment is to be discontinued. Subsequent use of code QN with a quantity greater than zero would re-establish the product.

| | |
|----|---|
| QO | Quantity Out of Stock |
| | <i>Quantity not available at store/distribution center/warehouse resulting in lost sales, rainchecks or demand for merchandise that could not be satisfied, i.e., sale was not consummated and indicates potential adjustment of VMI (Vendor Managed Inventory) model areas</i> |
| QP | Quantity On Order, Not Yet Received |
| | Description: <i>Total quantity expected to be received from supplier for current reporting period, but not yet received</i> |
| | <i>Total merchandise quantity ordered and not yet received by the retailer</i> |
| QR | Quantity Received |
| | <i>Receipts at store, distribution center or warehouse</i> |
| QS | Quantity Sold |
| | <i>Sales at retail (gross quantity, no returns netted out)</i> |
| QT | Adjustment to Inventory Quantity |
| | <i>Adjustment to inventory quantity as a result of a physical inventory discrepancy or internal movement of goods from one location to another</i> |
| QU | Quantity Returned By Consumer |
| QW | Quantity Withdrawn from Warehouse Inventory |
| | Description: <i>Total quantity withdrawn from the warehouse for sales purposes, purposes of unsaleability, or as a result of an intracompany warehouse transfer, promotions, etc.</i> |
| | <i>Internal store withdrawal from distribution center or warehouse inventory</i> |
| QX | Quantity Requested (Will Override Replenishment Planning) |
| | <i>Quantity to override the normal replenishment planning, but not intended to permanently change the model levels</i> |
| RQ | Quantity Returned (Sellable/Resellable) |
| | <i>Returned to supplier</i> |

| | | | | | | |
|------|-----|-----------------|---|---|------|------|
| ZA02 | 380 | Quantity | X | R | 1/15 | Used |
|------|-----|-----------------|---|---|------|------|

Description: Numeric value of quantity

| | | | | | | |
|------|-----|---|---|----|-----|------|
| ZA03 | 355 | Unit or Basis for Measurement Code | X | ID | 2/2 | Used |
|------|-----|---|---|----|-----|------|

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 888, Included: 17)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------------|
| BA | Bale |
| BG | Bag |
| BO | Bottle |
| BX | Box |
| CA | Case |
| CN | Can |
| CT | Carton |
| D1 | Dollars, Canadian |
| DO | Dollars, U.S. |
| DS | Display |
| DZ | Dozen |
| EA | Each |
| KG | Kilogram |
| LB | Pound |
| PK | Package |

| | | | | | | | |
|------|-----|----------------------------|------------------|---|----|-----|------|
| | | PL | Pallet/Unit Load | | | | |
| | | RL | Roll | | | | |
| ZA04 | 374 | Date/Time Qualifier | | X | ID | 3/3 | Used |

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1289, Included: 5)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| 002 | Delivery Requested <i>This code is used only when ZA01 contains code QD, QP or QX. If promotion start and end dates associated with the additional demand quantity are needed, the G95 loop may be used.</i> |
| 007 | Effective <i>Inventory taken, on order as of, etc.</i> |
| 036 | Expiration Description: Date coverage expires |
| 090 | Report Start |
| 091 | Report End |

| | | | | | | | |
|------|-----|-------------|--|---|----|-----|------|
| ZA05 | 373 | Date | | X | DT | 8/8 | Used |
|------|-----|-------------|--|---|----|-----|------|

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

| | | | | | | | |
|------|-----|---|--|---|----|-----|------|
| ZA06 | 128 | Reference Identification Qualifier | | X | ID | 2/3 | Used |
|------|-----|---|--|---|----|-----|------|

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1777, Included: 6)

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| AH | Agreement Number |
| D3 | National Council for Prescription Drug Programs Pharmacy Number |
| DP | Department Number |
| IA | Internal Vendor Number <i>Identification number assigned to the vendor, by the retailer, for use within the retailer's system</i> |
| IT | Internal Customer Number <i>Identification number assigned to the retailer, by the vendor, for use within the vendor's system</i> |
| PD | Promotion/Deal Number |

| | | | | | | | |
|------|-----|---------------------------------|--|---|----|------|------|
| ZA07 | 127 | Reference Identification | | X | AN | 1/80 | Used |
|------|-----|---------------------------------|--|---|----|------|------|

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. P0203 - If either ZA02 or ZA03 is present, then the other is required.
2. P0405 - If either ZA04 or ZA05 is present, then the other is required.
3. P0607 - If either ZA06 or ZA07 is present, then the other is required.

Semantics:

1. ZA08 determines if the product activity code in ZA01 refers to a product that is categorized as In-bond merchandise. A "Y" indicates that the activity code applies to a product that is In-bond; an "N" indicates that the activity code does not refer to a product that is In-bond.

CTP Pricing Information

| | |
|-------------------|-------------|
| Pos: 1000 | Max: 25 |
| Detail - Optional | |
| Loop: ZA | Elements: 2 |

User Option (Usage): Used

Purpose: To specify pricing information

The prices specified in this segment, in the ZA loop, apply only to quantities within that ZA loop, e.g., quantities in the ZA or SDQ segments. This price will override the same price type listed in the LIN loop, if used. This segment is used to report prices associated with the item and activity. It is not used to report total dollar values. This segment can also be used to further define quantity sold/quantity on order within the associated ZA loop by sales type (i.e., promotion/event sales, clearance/markdown sales, non-promotion/non-markdown sales).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| CTP02 | 236 | Price Identifier Code | X | ID | 3/3 | Must use |

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 168, Included: 3)

| <u>Code</u> | <u>Name</u> |
|-------------|--------------------------------------|
| PRP | Promotional price Promotion/Event |
| RTL | Retail |
| SPC | Special Price Clearance/Markdown |

| | | | | | | |
|-------|-----|------------|---|---|------|------|
| CTP03 | 212 | Unit Price | X | R | 1/17 | Used |
|-------|-----|------------|---|---|------|------|

Description: Price per unit of product, service, commodity, etc.

The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".

Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

SDQ Destination Quantity

| | |
|-------------------|--------------|
| Pos: 1100 | Max: >1 |
| Detail - Optional | |
| Loop: ZA | Elements: 22 |

User Option (Usage): Used

Purpose: To specify destination and quantity detail

*This segment is used to distribute item quantity to various locations.
If this segment is used to specify the quantity of the item identified in the LIN segment, ZA02 and ZA03 are not used.*

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-------|-----|------------------------------------|-----|------|---------|----------|
| SDQ01 | 355 | Unit or Basis for Measurement Code | M | ID | 2/2 | Must use |

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 888, Included: 17)

| Code | Name |
|------|-------------------|
| BA | Bale |
| BG | Bag |
| BO | Bottle |
| BX | Box |
| CA | Case |
| CN | Can |
| CT | Carton |
| D1 | Dollars, Canadian |
| DO | Dollars, U.S. |
| DS | Display |
| DZ | Dozen |
| EA | Each |
| KG | Kilogram |
| LB | Pound |
| PK | Package |
| PL | Pallet/Unit Load |
| RL | Roll |

| | | | | | | |
|-------|----|-------------------------------|---|----|-----|----------|
| SDQ02 | 66 | Identification Code Qualifier | O | ID | 1/2 | Must use |
|-------|----|-------------------------------|---|----|-----|----------|

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 249, Included: 6)

| Code | Name |
|------|---|
| 1 | D-U-N-S Number, Dun & Bradstreet <i>See External Code Source 16 in Section III for reference document.</i> |
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>See External Code Source 16 in Section III for reference document.</i> |
| 21 | Health Industry Number (HIN) <i>See External Code Source 121 in Section III for reference document.</i> |
| 91 | Assigned by Seller or Seller's Agent |
| 92 | Assigned by Buyer or Buyer's Agent |
| UL | Global Location Number (GLN) |

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

See External Code Source 583 in Section III for reference document.

| | | | | | | |
|-------|-----|--|---|----|------|----------|
| SDQ03 | 67 | Identification Code | M | AN | 2/80 | Must use |
| | | Description: Code identifying a party or other code | | | | |
| SDQ04 | 380 | Quantity | M | R | 1/15 | Must use |
| | | Description: Numeric value of quantity | | | | |
| SDQ05 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ06 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ07 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ08 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ09 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ10 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ11 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ12 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ13 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ14 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ15 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ16 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ17 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ18 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ19 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ20 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| SDQ21 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| SDQ22 | 380 | Quantity | X | R | 1/15 | Used |

Description: Numeric value of quantity

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Loop Performance Requirements

Pos: 1200 Repeat: 1
 Optional
 Loop: G95 Elements: N/A

User Option (Usage): Used

Purpose: To specify the "AND" or "OR" condition for the option, or provide information related to the promotion performance conditions and allocations required, or both

This loop is used only when ZA01 contains code QD, QX, or code QW, to identify a promotion and its start and end dates. When ZA01 contains code QW (Quantity Withdrawn from Warehouse Inventory), and is used to define the portion of warehouse withdrawals pertaining to a promotion for a specific product, G9504 is used to identify the quantity associated with the promotion.

Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|----------------|---------------|--------------|
| 1200 | G95 | Performance Requirements | O | 1 | | Used |
| 1300 | DTM | Date/Time Reference | O | 2 | | Used |

G95 Performance Requirements

| | |
|-------------------|-------------|
| Pos: 1200 | Max: 1 |
| Detail - Optional | |
| Loop: G95 | Elements: 3 |

User Option (Usage): Used

Purpose: To specify the "AND" or "OR" condition for the option, or provide information related to the promotion performance conditions and allocations required, or both

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|-------------|----------------|--------------|
| G9502 | 422 | Promotion Condition Code | M | ID | 2/2 | Must use |

Description: Code describing a performance or advertising condition

CodeList Summary (Total Codes: 76, Included: 50)

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| 01 | Product Allocation |
| 02 | Number of Buy Restriction |
| 10 | Ad, Size Not Specified <i>Vendor requires a newspaper ad with no size specification</i> |
| 11 | Ad, 1 Col Inch |
| 12 | Ad, 2 Col Inch |
| 13 | Ad, 3 Col Inch |
| 14 | Ad, 4 Col Inch |
| 15 | Ad, 5 Col Inch |
| 16 | Ad, 6 Col Inch or Greater |
| 17 | Ad, Full Page |
| 18 | Ad, Half Page |
| 19 | Ad, Quarter Page |
| 20 | Ad, Coupon <i>Vendor requires buyer to run a coupon ad that has a monetary value discounting the product(s) that is/are applicable</i> |
| 21 | Ad, Color <i>Vendor requires buyer to run a color ad for the product(s) offered. This condition code may be used in conjunction with other ad condition codes.</i> |
| 22 | Ad, Product Illustration <i>Vendor requires buyer to picture illustrate the product(s) offered. This condition code may be used in conjunction with other ad condition codes.</i> |
| 23 | Ad, National Line Rate <i>Vendor requires buyer to advertise product(s) offered in media normally used. Payment is made for space (per inch or line) without restrictions for space used or frequency of insertion.</i> |
| 25 | Ad, Roto |
| 26 | Ad, Free Standing <i>Vendor requires buyer to run a free standing ad illustrating product(s) offered. This ad is separate and apart from normal weekly media used.</i> |
| 28 | Ad, Window Signs <i>Vendor requires buyer to post a store window sign advertising the product(s) offered.</i> |
| 32 | Ad, Price Reduction <i>Vendor requires ad at a reduced price. This condition code may be used in conjunction with other ad condition codes.</i> |
| 33 | Ad, Circulars <i>Vendor requires buyer to advertise product(s) offered in a circular publication. Circulation intended for buyer's customers.</i> |
| 34 | Ad, Television |
| 35 | Ad, Radio |

| | |
|----|--|
| 36 | Ad, Handbill <i>Vendor requires buyer to advertise product(s) offered in a loose publication format to be distributed by hand.</i> |
| 37 | Ad, Newspaper Insert |
| 39 | Ad, See Free-form Message <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i> |
| 40 | Display <i>Vendor requires an in-store display of product(s) offered.</i> |
| 41 | Display, End Aisle <i>Vendor requires a display separate and apart from the store shelf.</i> |
| 42 | Display, Aisle Stack <i>Vendor requires a display separate and apart from the store shelf.</i> |
| 44 | Display, Cases per Store <i>Vendor requires a display with a specified number of cases per store.</i> |
| 45 | Display, Number of Days <i>Vendor requires a display with a specified number of days.</i> |
| 46 | Display, Shelf Extender |
| 49 | Display, Number of Stores <i>Vendor requires a display with a specified number of stores.</i> |
| 51 | Display, Price Reduction <i>Vendor requires a display with a specified price reduction.</i> |
| 59 | Display, See Free-form Message <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i> |
| 60 | Reduced Price <i>Vendor requires a price reduction for product(s) offered with no amount, restriction or condition.</i> |
| 61 | Reduced Price, Number of Days <i>Vendor requires a price reduction for a specific number of days.</i> |
| 62 | Reduced Price With Shelf Sign <i>Vendor requires a price reduction for product(s) offered. Buyer must list the price reduction in the retail store's price/order guide.</i> |
| 63 | Reduced Price, In Price/Order Guide <i>Vendor requires a price reduction for product(s) offered. Buyer must indicate price reduction with a point-of-sale shelf sign.</i> |
| 64 | Reduced Price, In Store Coupons <i>Vendor requires buyer to offer in-store coupons on the product(s) offered. Coupons are redeemable from the point-of-sale at each buyer's retail outlet.</i> |
| 69 | Reduced Price, See Free-form Message <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i> |
| 70 | Retail Distribution (One Case per Store) |
| 71 | Retail Distribution (X Cases per Store) |
| 72 | Retail Distribution (X Number of Stores) |
| 79 | Retail Distribution <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i> |

- 81 Accrual Limit
Description: *A dollar amount customarily paid on a per case basis on product purchases in a prior period as defined by the manufacturer or broker*
- 82 Flat Limit
Description: *A fixed or flat allowance amount paid for rendering performance as specified by the option code*
- 83 Number of Required Promotion Performances
Description: *Number of times a promotion must be performed to qualify for the allowance amount*
- 88 Advertisement or Display or Reduced Price
Description: *A promotion condition which requires an Advertisement or an in-store display, or a reduction in the shelf price of an item in order to qualify for the allowance amount*
A promotion condition which requires an advertisement, an in-store display, or a reduction in the shelf price of an item in order to qualify for the allowance amount.
- 99 See Free-form Text

G9504 380 **Quantity** X R 1/15 Used

Description: Numeric value of quantity

G9505 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 888, Included: 15)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------|
| BA | Bale |
| BG | Bag |
| BO | Bottle |
| BX | Box |
| CA | Case |
| CN | Can |
| CT | Carton |
| DS | Display |
| DZ | Dozen |
| EA | Each |
| KG | Kilogram |
| LB | Pound |
| PK | Package |
| PL | Pallet/Unit Load |
| RL | Roll |

Syntax Rules:

1. P0405 - If either G9504 or G9505 is present, then the other is required.

Semantics:

1. If G9502 equals "99", then G9506 is required.
2. G9507 contains the number of days included in the promotion period.

DTM Date/Time Reference

| | |
|-------------------|-------------|
| Pos: 1300 | Max: 2 |
| Detail - Optional | |
| Loop: G95 | Elements: 2 |

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| DTM01 | 374 | Date/Time Qualifier | M | ID | 3/3 | Must use |

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1289, Included: 2)

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------|
| 015 | Promotion Start |
| 016 | Promotion End |

| | | | | | | |
|-------|-----|------|---|----|-----|----------|
| DTM02 | 373 | Date | X | DT | 8/8 | Must use |
|-------|-----|------|---|----|-----|----------|

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

CTT Transaction Totals

| | |
|--------------------|-------------|
| Pos: 0100 | Max: 1 |
| Summary - Optional | |
| Loop: N/A | Elements: 1 |

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|----------------------|------------|-------------|----------------|--------------|
| CTT01 | 354 | Number of Line Items | M | NO | 1/6 | Must use |

Description: Total number of line items in the transaction set
The number of LIN segments present in the transaction set

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

| | |
|---------------------|-------------|
| Pos: 0200 | Max: 1 |
| Summary - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| SE01 | 96 | Number of Included Segments | M | NO | 1/10 | Must use |
| | | Description: Total number of segments included in a transaction set including ST and SE segments | | | | |
| SE02 | 329 | Transaction Set Control Number | M | AN | 4/9 | Must use |
| | | Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i> | | | | |

Comments:

1. SE is the last segment of each transaction set.