



Target

Product Activity

Data Document

Segments

V1.2

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ECOMMERCE SUPPORT**

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CHANGE CONTROL

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1.0	02/12/97	1 st Release	Gabriella Warby
1.1	01/08/07	Changed reference from Coles Myer to Coles Group	Leng Be

VICS 852 Product Activity Data

FUNCTIONAL GROUP ID = **PD**

This standard provides the format and establishes the data contents of the Product Activity Data Transaction Set within the context of an Electronic Data Interchange (EDI) environment. This transaction set allows a distributor, warehouse, or retailer 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.

HEADER

<u>TARGET</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>
USE	ST	Transaction Set Header	M	1	
USE	XQ	Reporting Date/Action	M	1	
NOT USED	XPO	Preassigned PO Numbers	O	>1	
USE	N9	Reference Number	O	>1	
NOT USED	PER	Admin .Comm. Contact	O	3	
USE	N1	Name	O	1	N1/200
NOT USED	N2	Additional Name Information	O	1	
NOT USED	N3	Address Information	O	2	
NOT USED	N4	Geographic Location	O	1	
NOT USED	FOB	F.O.B Related Instructions	O	1	
NOT USED	TD5	Carrier Details	O	1	
NOT USED	DTM	Date/Time Reference	O	!	

DETAIL

USE	LIN	Item Identification	M	1	LIN/999999
NOT USED	CTP	Pricing Information	O	25	
NOT USED	PO4	Item Physical Details	O	1	
USE	ZA	Product Activity Reporting	M	1	ZA/99
NOT USED	CTP	Pricing Information	O	25	
USE	SDQ	Destination Quantity	O	>1	

Summary

USE	CTT	Transaction Totals	M	1
USE	SE	Transaction Set Trailer	M	1

Segment: **ST** Transaction Set Header
Level: Header
Loop: _____
Usage: Mandatory
Max Use: 1

- Purpose:** To indicate the start of a transaction set and to assign a control number
- Comments:** A The transaction set identifier (ST)1 is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set. Example: 852 X12.52 Product Activity Data	M ID 3/3
ST02	329	Transaction Set Control Number Identifying control number 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. Inserted by Target Computer System.	M AN 4/9
Example:		ST*852*0001	

Segment: XQ Reporting Date/Action
Level: Header
Loop: _____
Usage: Mandatory
Max Use: 1
Purpose: To specify reporting date and action to be taken
Comments: A XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ is the end date.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
XQ	305	Transaction Handling Code Code designating the action to be taken by all parties H Notification Only It is intended that this information be used for Production planning/procurement purposes only	M ID 1/1
XQ02	373	Date Date (YYMMDD). Start date of report That is, week commencing will refer to Sunday's date	M DT 6/6
XQ03	373	Date Date (YYMMDD). End date of report That is, week ending will refer to Saturday's date.	O DT 6/6

Example : XQ*H*950219*950225

Segment: N9 Reference Number
Level: Header
Loop: _____
Usage: Optional
Max Use: >1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax: 1 R0203
 At least one of N902 or N903 is required.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N901	128	Reference Number Qualifier Code qualifying the Reference Number DP Department Number	M ID 2/2
N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Related to the actual Target Department Number and is always a four-digit code.	C AN 1/30

Example : N9*DP*0600

Segment: N1 Name
Level: Header
Loop: N1 Repeat : 200
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organisation, name and code
Comments: A This segment, used alone, provides the most efficient method of providing organisational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
This segment will only be used if receiving sales and/or stock information at Company / National level.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	Entity Identifier Code Code identifying an organisational entity or a physical location. RL Reporting Location (Address in N104)	M ID 2/2
N103	66	Identification Code Qualifier 92 Assigned by Buyer	C ID 1/2
N104	67	Identification Code Code identifying a delivery point for the order If this segment is present in a document then all sales data and/or stock data, will always be transmitted at Company/National level. 000 Target Head Office Code.	C ID 2/17

Example : N1*RL**92*000

Segment:	LIN Item Identification
Level:	Detail
Loop:	LIN Detail: 999999
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic item identification data.
Syntax:	1 C0405 If LIN04 is present, then LIN05 is required.
	2 C0607 If LIN06 is present, then LIN07 is required.
	3 C0809 If LIN08 is present, then LIN08 is required.
	4 C1011 If LIN10 is present, then LIN11 is required.
	5 C1213 If LIN12 is present, then LIN13 is required.
	6 C1415 If LIN14 is present, then LIN15 is required.
	7 C1617 If LIN16 is present, then LIN17 is required.
	8 C1819 If LIN18 is present, then LIN19 is required.
	9 C2021 If LIN20 is present, then LIN21 is required.
	10 C2223 If LIN22 is present, then LIN23 is required.
	11 C2425 If LIN24 is present, then LIN25 is required.
	12 C2627 If LIN26 is present, then LIN27 is required.
	13 C2829 If LIN28 is present, then LIN29 is required.
	14 C3031 If LIN30 is present, then LIN31 is required.

Comments: **A** See the Data Dictionary for a complete list of ID's.
 B LIN01 is the line item identification

Note: **There is one LIN segment for each SKU.**
The codes listed for LIN02 apply to every occurrence of
data element 235 in the LIN segment.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set.	O AN 1/11
LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234). EN Aust. Product Number (2-5-5-1)	M ID 2/2
LIN03	234	Product/Service ID Identifying number for a product or service. Actual 13 digit APNA Product Number.	M AN 1/30
LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in the Product/Service ID (234) CB Target keycode	M ID 2/2
LIN05	234	Product/Service ID Identifying number for a product or service. Target Keycode.	M AN 1/30

Example: LIN000001*EN*9374361000017*CB*00555555

Segment:ZA Product Activity Reporting

Level:	Detail
Loop:	LIN/ZA Repeat: 99
Usage:	Mandatory
Max Use:	1
Purpose:	To provide activity details concerning product being reported
Syntax:	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.
Notes:	1) The first occurrence of the ZA Segment will always refer to SALES data (e.g. ZA01 will contain the code ' QS '). The second occurrence of the ZA Segment will refer to STOCK ON HAND data (e.g. ZA01 will contain the code ' QA '). The third instance of the ZA Segment will refer to STOCK ON ORDER data (e.g. ZA01 will contain the code ' QP '). 2) A quantity will be present in the ZA02 when the data referred to is at company/aggregate level. ZA02 will not be used for sales and stock data at either regional or store level. 3) ZA03 appears only if ZA02 is present for data represented at company level. 4) If ZA02 and ZA03 are used, then do not use the SDQ Segment. If the SDQ Segment is used, then do not use ZA02 and ZA03.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ZA01	859	<p>Activity Code Code identifying activity details for the product being reported.</p> <p>QA Current Inventory Quantity Available For Shipment On hand inventory at store, distribution center or warehouse</p> <p>Target Stock on Hand data reflected in Unit value.</p> <p>QP Quantity On Order, Not Yet Received In transit merchandise</p> <p>Target Stock on Order data reflected in Unit value.</p> <p>QS Quantity Sold or Withdrawn From Inventory Sales at retail or withdrawals from a distribution center or warehouse</p> <p>Target Sales data reflected in Unit value.</p> <p>QT Adjustment To Inventory Quantity In transfer merchandise</p> <p>Target transfer data reflected in Unit Value</p>	M ID 2/2
ZA02	380	<p>Quantity Total numeric value of quantity in units.</p>	C R 1/10
ZA03	355	<p>Unit of Measurement Code Code identifying the basic unit of measurement and reports on single units, not packs.</p>	C ID 2/2

Example:

Information requested at Company level only.
ZA*QS*150*EA
ZA*QA*50*EA
ZA*QP*200*EA

Information requested at Regional or Store level.
ZA*QS
ZA*QA
ZA*QP
ZA*QT

Segment: **SDQ** Destination quantity

Level: Detail

Loop: LIN/ZA

Usage: Optional

Max Use: >1

Purpose: To specify destination and quantity detail

Syntax:

- 1 C0506**
If LIN05 is present, then LIN06 is required.
- 2 C0708**
If LIN07 is present, then LIN08 is required.
- 3 C0910**
If LIN09 is present, then LIN10 is required.
- 4 C1112**
If LIN11 is present, then LIN12 is required.
- 5 C1314**
If LIN13 is present, then LIN14 is required.
- 6 C1516**
If LIN15 is present, then LIN16 is required.
- 7 C1718**
If LIN17 is present, then LIN18 is required.
- 8 C1920**
If LIN19 is present, then LIN20 is required.
- 9 C2122**
If LIN21 is present, then LIN22 is required.

Comments: A SDQ02 is used only if different than previously defined in the transaction set.

Notes: This segment is used to distribute item quantity to various locations. If this segment is used, ZA02 and ZA03, in the ZA segment, must not be used.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SDQ01	355	Unit of Measurement Code Code identifying the basic unit of measurement and reports on single units, not packs Target use 'EA' only.	M ID 2/2

SDQ02	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67). 92 Assigned by Buyer	O	ID	1/2
SDQ03	67	Identification Code Code identifying a store	M	ID	2/17
SDQ04	380	Quantity Numeric value of quantity	M	R	1/10
SDQ05	67	Identification Code Code identifying a store	O	ID	2/17
SDQ06	380	Quantity Numeric value of quantity	C	R	1/10
SDQ07	67	Identification code Code identifying a store	O	ID	2/17
SDQ08	380	Quantity Numeric value of quantity	C	R	1/10
SDQ09	67	Identification Code Code identifying a store	O	ID	2/17
SDQ10	380	Quantity Numeric value of quantity	C	R	1/10
SDQ11	67	Identification Code Code identifying a store	O	ID	2/17
SDQ12	380	Quantity Numeric value of quantity	C	R	1/10
SDQ13	67	Identification Code Code identifying a store	O	ID	2/17
SDQ14	380	Quantity Numeric value of quantity	C	R	1/10
SDQ15	67	Identification Code Code identifying a store	O	ID	2/17
SDQ16	380	Quantity Numeric value of quantity	C	R	1/10
SDQ17	67	Identification Code Code identifying a store	O	ID	2/17
SDQ18	380	Quantity Numeric value of quantity	C	R	1/10

SDQ19	67	Identification Code Code identifying a store	O	ID	2/17
SDQ20	380	Quantity Numeric value of quantity	C	R	1/10
SDQ21	67	Identification Code Code identifying a store	O	ID	2/17
SDQ22	380	Quantity Numeric value of quantity	C	R	1/10

Example :

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ZA*QS
SDQ*EA*92*5001*150*5004*20
ZA*QA
SDQ*EA*92*5001*200*5004*10
ZA*QP
SDQ*EA*92*5001*100*5004*5
    
```

Segment: CTT Transaction Totals
Level: Summary
Loop: _____
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax: 1 C0304
 If CTT03 is present, then CTT06 is required.
 2 C0506
 If CTT05 is present, then CTT06 is required.
Comments: A This segment is intended to provide hash totals to validate transaction completeness and correctness

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTT01	354	Number of Line Items Total number of line items in the transaction set.	M NO 1/6
		The number of LIN segments present in the transaction set.	

Example : CTT*1
ie 1 LIN SEGMENT

Segment: **SE** Transaction Set Trailer
Level: Summary
Loop: _____
Usage: Mandatory
Max Use: 1
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).
Comments: A SE is the last segment of each transaction set

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments.	M NO 1/6
SE02	329	Transaction Set Control Number Identifying control number assigned by the originator for a transaction set. This must be the same number as in the ST segment (ST02) for the transaction set.	M AN 4/9

Example : SE*12*0001