



852 Product Activity Data

Functional Group ID=**PD**

Introduction:

This Draft Standard for Trial Use 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 by 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. 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.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	XQ	Reporting Date/Action	M	1		
	040	N9	Reference Identification	O	>1		
LOOP ID - N1						200	
	060	N1	Name	O	1		n1
	070	N2	Additional Name Information	O	1		
	080	N3	Address Information	O	2		
	090	N4	Geographic Location	O	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - LIN						999999	
	010	LIN	Item Identification	O	1		
	020	CTP	Pricing Information	O	25		
LOOP ID - ZA						>1	
M	080	ZA	Product Activity Reporting	M	1		n2
	110	SDQ	Destination Quantity	O	>1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	CTT	Transaction Totals	O	1		n3
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes



duane reade

1. 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. 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. 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.



Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Semantic Notes: 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).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 852 Product Activity Data	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9



Segment: XQ Reporting Date/Action
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify reporting date and action to be taken
Semantic Notes: 1 XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ03 is the end date.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	XQ01	305	Transaction Handling Code Code designating the action to be taken by all parties H Notification Only	M ID 1/2
M	XQ02	373	Date Date expressed as CCYYMMDD	M DT 8/8
	XQ03	373	Date Date expressed as CCYYMMDD	O DT 8/8



Segment: N9 Reference Identification
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification VR Vendor ID Number	M ID 2/3
	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30



Segment: N1 Name
Position: 060
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual CQ Corporate Office	M ID 2/3
	N102	93	Name Free-form name	X AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X AN 2/80



Segment: N2 Additional Name Information
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Semantic Notes:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u> <u>Name</u>	<u>Attributes</u>
M	N201	93	Free-form name	M AN 1/60



Segment: N3 Address Information
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55



Segment: N4 Geographic Location
Position: 090
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Semantic Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15



Segment: LIN Item Identification
Position: 010
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data
Semantic Notes: 1 LIN01 is the line item identification

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
	LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
M	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number ND National Drug Code (NDC) UA U.P.C./EAN Case Code (2-5-5) UP U.P.C. Consumer Package Code (1-5-5-1) VC Vendor's (Seller's) Catalog Number	M ID 2/2
M	LIN03	234	Product/Service ID Identifying number for a product or service	M AN 1/48
	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number ND National Drug Code (NDC) UA U.P.C./EAN Case Code (2-5-5) UP U.P.C. Consumer Package Code (1-5-5-1) VC Vendor's (Seller's) Catalog Number	X ID 2/2
	LIN05	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number ND National Drug Code (NDC) UA U.P.C./EAN Case Code (2-5-5) UP U.P.C. Consumer Package Code (1-5-5-1) VC Vendor's (Seller's) Catalog Number	X ID 2/2
	LIN07	234	Product/Service ID Identifying number for a product or service	X AN 1/48



Segment: CTP Pricing Information
Position: 020
Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify pricing information
Semantic Notes:

- 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.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP02	236	Price Identifier Code Code identifying pricing specification PUR Purchase RTL Retail SPC Special Price UCP Unit cost price	X ID 3/3
CTP03	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17



Segment: ZA Product Activity Reporting
Position: 080
Loop: ZA Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To provide activity details concerning product being reported
Semantic Notes: 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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Activity Code</u>	<u>M ID 2/2</u>
M	ZA01	859	
		Code identifying activity details for the product being reported	
		QA	Current Inventory Quantity Available for Shipment or Sale Indicates the quantity currently available to be sold or shipped
		QP	Quantity On Order, Not Yet Received Total quantity expected to be received from supplier for current reporting period, but not yet received
		QS	Quantity Sold



Segment: SDQ Destination Quantity
Position: 110
Loop: ZA Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify destination and quantity detail
Semantic Notes: 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SDQ01	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	M ID 2/2
M	SDQ03	67	Identification Code Code identifying a party or other code	M AN 2/80
M	SDQ04	380	Quantity Numeric value of quantity	M R 1/15
	SDQ05	67	Identification Code Code identifying a party or other code	X AN 2/80
	SDQ06	380	Quantity Numeric value of quantity	X R 1/15
	SDQ07	67	Identification Code Code identifying a party or other code	X AN 2/80
	SDQ08	380	Quantity Numeric value of quantity	X R 1/15
	SDQ09	67	Identification Code Code identifying a party or other code	X AN 2/80
	SDQ10	380	Quantity Numeric value of quantity	X R 1/15
	SDQ11	67	Identification Code Code identifying a party or other code	X AN 2/80
	SDQ12	380	Quantity Numeric value of quantity	X R 1/15
	SDQ13	67	Identification Code Code identifying a party or other code	X AN 2/80
	SDQ14	380	Quantity Numeric value of quantity	X R 1/15
	SDQ15	67	Identification Code Code identifying a party or other code	X AN 2/80
	SDQ16	380	Quantity Numeric value of quantity	X R 1/15
	SDQ17	67	Identification Code Code identifying a party or other code	X AN 2/80



duane reade

SDQ18	380	Quantity Numeric value of quantity	X	R 1/15
SDQ19	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ20	380	Quantity Numeric value of quantity	X	R 1/15
SDQ21	67	Identification Code Code identifying a party or other code	X	AN 2/80
SDQ22	380	Quantity Numeric value of quantity	X	R 1/15



Segment: CTT Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10



Segment: SE Transaction Set Trailer
Position: 020
Loop:
Level: Summary
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)

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	