

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		
M	040	N9	Reference Identification	M	>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	
M	010	LIN	Item Identification	M	1		
			LOOP ID - ZA			>1	
M	080	ZA	Product Activity Reporting	M	1		n1
	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		n2
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. 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. 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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
		852 Product Activity Data	
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

Data Element Summary

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

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N901	128	Reference Identification Qualifier Code qualifying the Reference Identification IA Internal Vendor 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	M AN 1/30

Segment: **LIN** Item Identification
Position: 010
Loop: LIN Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data

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	M AN 1/20
LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP U.P.C. Consumer Package Code (1-5-5-1)	M ID 2/2
LIN03	234	Product/Service ID Identifying number for a product or service	M AN 1/48

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Activity Code</u>	<u>M ID 2/2</u>
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 QT Adjustment to Inventory Quantity	
ZA02	380	Quantity Numeric value of quantity Cumulative across all locations.	X R 1/15

Segment: **SDQ** Destination Quantity
Position: 110
Loop: ZA Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify destination and quantity detail

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
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
SDQ02	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	O ID 1/2
SDQ03	67	Identification Code Code identifying a party or other code	M AN 2/80
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
SDQ18	380	Quantity Numeric value of quantity	X R 1/15
SDQ19	67	Identification Code	X AN 2/80

		Code identifying a party or other code		
SDQ20	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ21	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
SDQ22	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ23	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
CTT01	354	Number of Line Items	M N0 1/6
		Total number of line items in the transaction set	

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)

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
SE02	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