852 GlaxoSmithKline Product Activity Data

Functional Group ID=**PD**

The WHIP/CHIP department of GSK will need to coordinate the procedure for notification within the 852 for various issues such as product discontinuance, demand changes and reporting of sales/demand figures (cumulative vs. daily)

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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	XQ	Reporting Date/Action	M	1		
			LOOP ID - N1			200	
	060	N1	Name	O	1		n1

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			999999	
	005	LIN	Item Identification	O	1		
			LOOP ID - ZA			>1	
Must Use	080	ZA	Product Activity Reporting	M	1		n2

Summary:

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

Transaction Set Notes

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	
Syntax Notes:			
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).
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set	**M ID 3/3**
			Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	**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			
Syntax Notes:				
Semantic Notes:	**1** XQ02 is the reporting date.			
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**XQ01**	**305**	**Transaction Handling Code**	**M ID 1/2**
			Code designating the action to be taken by all parties	
			Use 'H' for Notification Only	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
>>	**XQ02**	**373**	**Date**	**M DT 8/8**
			Date expressed as CCYYMMDD	
			Use Inventory Date	

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	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
>>	N101	98	**Optional Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			Use 'BT' for Bill To Use 'DB' for Distributor Branch Use 'DS' for Distributor Use 'ST' for Ship To		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	N102	93	**Name**	**X**	**AN 1/60**
			Distributor Name		
	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			Use '11' for DEA Number Use '21' for HIN Number Use '9' for DUNS+4 Number Use '1' for DUNS Number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	N104	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			Use DEA Number (preferred) Use HIN Number Use DUNS Number		

Segment:	**LIN** Item Identification
Position:	005
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.
	Semantic Notes:
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., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	Please send LIN and ZA segments for all products shipped out of the shipping location specified above

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	LIN01	**350**	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			(Optional)		
>>	**LIN02**	**235**	**Product/Service ID Qualifier**	**M**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Use 'ND' or 'N4' for NDC Qualifier		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
>>	**LIN03**	**234**	**Product/Service ID**	**M**	**AN 1/48**
			Identifying number for a product or service		
			Use GlaxoSmithKline NDC number 11 digits		
	LIN04	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Use 'PI' for purchasers ID		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN05	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			Use Distributor's Product Number		

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	
Syntax Notes:	1 If either ZA02 or ZA03 is present, then the other is required.	
	2 If either ZA04 or ZA05 is present, then the other is required.	
	3 If either ZA06 or ZA07 is present, then the other is required.	
Semantic Notes:		
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> ZA01	859	Activity Code	M ID 2/2

Code identifying activity details for the product being reported

If you do not have quantities for a given segment, please send zero.

QA - Current Inventory Quantity Available for shipment
QB - Quantity on Hand
QC - Saleable Inventory Committed to Customer Orders Not Yet Shipped
QD - Forecast demand (Expected Shipment Volume to Customers from
        Stocked Inventory for the next 4 weeks)
QE - Ending Inventory
QH - Morgue Inventory On Hand (unsaleable and is not to be included
        elsewhere)
QI - Open Outbound Stock Transfer
QO - Shorts Daily Only
QP - Quantity on order not yet received
QR - Purchase or Transfer Receipts
QS - Quantity sold, Daily Only
QT - Net Additions/Withdrawals of Inventory not elsewhere classified
QU - Customer Returns of Saleable stock quantity
QW - Withdrawals for all reasons
QZ - Stock Internal Transfer Outbound

Refer to 004010 Data Element Dictionary for acceptable code values.

ZA02	380	**Quantity**	X R 1/15

Numeric value of quantity

ZA03	355	**Unit or Basis for Measurement Code**	X ID 2/2

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

Use 'EA' for eaches

Refer to 004010 Data Element Dictionary for acceptable code values.

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
Syntax Notes: 1 If either CTT02 or CTT03 is present, then the other is required.
2 If either CTT04 or CTT05 is present, then the other is required.
Semantic Notes:
Comments: 1 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**	M	N0 1/6
			Total number of line items in the transaction set		
X	CTT02	81	**Weight**	X	R 1/10
			Numeric value of weight		
X	CTT03	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
X	CTT04	183	**Volume**	X	R 1/8
			Value of volumetric measure		
X	CTT05	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment:			**SE** Transaction Set Trailer	

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)
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

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