

852 Delhaize America Product Activity Data version 5010

Functional Group ID=**PD**

Introduction:

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.

Notes:

The company will use the following delimiters for all EDI transactions, unless otherwise noted:
Segment - Tilde (~) Element - Asterisk (*) Subelement - Colon (:)

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	0025	ISA	Interchange Control Header	M	1		
M	0050	GS	Functional Group Header	M	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	XQ	Reporting Date/Action	M	1		
	0300	XPO	Preassigned Purchase Order Numbers	O	>1		
LOOP ID - N1						200	
Must Use	0600	N1	Name - Ship-to Location	O	1		n1
	1200	DTM	Date/Time Reference	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	
Must Use	0100	LIN	Item Identification	O	1		
LOOP ID - ZA						>1	
M	0800	ZA	Product Activity Reporting	M	1		n2

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>
Must Use	0100	CTT	Transaction Totals	O	1		n3
M	0200	SE	Transaction Set Trailer	M	1		
M	0300	GE	Functional Group Trailer	M	1		
M	0400	IEA	Interchange Control 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: **ISA** Interchange Control Header
Position: 0025
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ISA01	I01	Authorization Information Qualifier 00 No Authorization Information Present (No Meaningful Information in I02)	M 1 ID 2/2
M	ISA03	I03	Security Information Qualifier 00 No Security Information Present (No Meaningful Information in I04)	M 1 ID 2/2
M	ISA05	I05	Interchange ID Qualifier 07 Global Location Number (GLN) 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	M 1 ID 2/2
M	ISA06	I06	Interchange Sender ID 5400110000009	M 1 AN 15/15
M	ISA07	I05	Interchange ID Qualifier Appropriate Qualifier for Trading Partner	M 1 ID 2/2
M	ISA08	I07	Interchange Receiver ID Appropriate Receiver ID for Trading Partner	M 1 AN 15/15
M	ISA09	I08	Interchange Date	M 1 DT 6/6
M	ISA10	I09	Interchange Time	M 1 TM 4/4
M	ISA11	I65	Repetition Separator Symbol: ^	M 1 AN 1/1
M	ISA12	I11	Interchange Control Version Number 00501 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003	M 1 ID 5/5
M	ISA13	I12	Interchange Control Number	M 1 N0 9/9
M	ISA14	I13	Acknowledgment Requested 0 No Interchange Acknowledgment Requested	M 1 ID 1/1
M	ISA15	I14	Usage Indicator P Production Data	M 1 ID 1/1
M	ISA16	I15	Component Element Separator (:) - Colon	M 1 AN 1/1

Segment: **GS** Functional Group Header
Position: 0050
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information

Syntax Notes:

- Semantic Notes:**
- 1 GS04 is the group date.
 - 2 GS05 is the group time.
 - 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.
- Comments:**
- 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	GS01	479	Functional Identifier Code PD Product Activity Data (852)	M 1 ID 2/2
M	GS02	142	Application Sender's Code 540011000	M 1 AN 2/15
M	GS03	124	Application Receiver's Code Appropriate Code for Trading Partner	M 1 AN 2/15
M	GS04	373	Date	M 1 DT 8/8
M	GS05	337	Time	M 1 TM 4/8
M	GS06	28	Group Control Number	M 1 N0 1/9
M	GS07	455	Responsible Agency Code X Accredited Standards Committee X12	M 1 ID 1/2
M	GS08	480	Version / Release / Industry Identifier Code 005010 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003	M 1 AN 1/12

Segment: **ST** Transaction Set Header

Position: 0100

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).
- 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.

Comments:

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	ST01	143	Transaction Set Identifier Code 852 Product Activity Data	M 1 ID 3/3
M	ST02	329	Transaction Set Control Number	M 1 AN 4/9

Segment: **XQ** Reporting Date/Action

Position: 0200

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To specify reporting dates, actions to be taken and an identifying number
Syntax Notes:
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.
 2 XQ04 is a unique report identifier assigned by the sender.
Comments:

Data Element Summary

Ref.	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>		<u>Attributes</u>
M	XQ01	305	Transaction Handling Code	M	1 ID 1/2
			G Plan Order(s) and Ship Product		
M	XQ02	373	Date	M	1 DT 8/8
			Date movement took place		
	XQ03	373	Date	O	1 DT 8/8
			Date movement took place		

Segment: **XPO** Preassigned Purchase Order Numbers
Position: 0300
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To transmit preassigned purchase order numbers
Syntax Notes: 1 If either XPO03 or XPO04 is present, then the other is required.
Semantic Notes: 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.

Data Element Summary

Ref.	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>		<u>Attributes</u>
M	XPO01	324	Purchase Order Number	M	1 AN 1/22
Must Use	XPO02	324	Purchase Order Number	O	1 AN 1/22

Segment: **N1** Name - Ship-to Location
Position: 0600
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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.
 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

Ref.	<u>Des.</u>	<u>Data Element</u>	<u>Name</u>		<u>Attributes</u>
M	N101	98	Entity Identifier Code	M	1 ID 2/3

		RL	Reporting Location		
N103	66	Identification Code Qualifier		C	1 ID 1/2
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code		C	1 AN 2/80

Delhaize America Ship To Duns Table For Our Distribution Centers

DC01

54 Hemco Road, So. Portland, ME 04106
0069495560010 - So. Portland DC Grocery
0069495560012 - So. Portland DC Dairy
0069495560013 - So. Portland DC Frozen
0069495560014 - So. Portland DC Meat
0069495560015 - So. Portland DC Produce
0069495560020 - So. Portland DC Gen. Mdse.
0069495560023 - So. Portland DC ALR Whse.

DC02

970 Route 9, Schodack Landing, NY 12156-9714
0069495560040 - Schodack DC Grocery
0069495560042 - Schodack DC Dairy
0069495560043 - Schodack DC Frozen
0069495560044 - Schodack DC Meat
0069495560045 - Schodack DC Produce

DC03

Route 202, Winthrop, ME 04364
0069495560071 - Progressive Dist. Inc.
0069495560074 - Progressive Dist. Inc. (RX)

DC10 (Dry)

2110 Executive Drive, Salisbury, NC 28144
0034485600011

DC10 (Fresh)

2085 Harrison Road, Salisbury, NC 28144
0034485600012

Salisbury Corporate

Food Lion Corporate Office 2110 Executive Drive, Salisbury, NC 28144
0034485600019

DC20

6500 Enterprize Dr., Disputanta, VA 23842
0034485600020

DC30

Snider Street, Elloree, SC 29047
0034485600030

DC04

Highway 301 South, Dunn, NC 28334
0034485600040

DC07

Antrim-Green Castle Industrial Park Lot 16 Commerce Ave, Green Castle, PA 17225
0034485600070

DC09

1703 East D Street, Butner NC 27509

Segment: **DTM** Date/Time Reference
Position: 1200
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:
Comments:

Data Element Summary

Ref.	Data Element	Name	Attributes	
			Card	Count
M	DTM01	Date/Time Qualifier	M	1 ID 3/3
	DTM02	Date	C	1 DT 8/8
	DTM03	Time	C	1 TM 4/8

Segment: **LIN** Item Identification
Position: 0100
Loop: LIN Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:
Comments:

- 1 LIN01 is the line item identification
- 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.

Data Element Summary

Ref.	Data Element	Name	Attributes	
			Card	Count
M	LIN02	Product/Service ID Qualifier	M	1 ID 2/2
		UA U.P.C./EAN Case Code (2-5-5)		

UK

EAN/UCC - 14

Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)

Qualifier for GTIN (Global Trade Identification Number)

M LIN03 234 Product/Service ID M 1 AN 1/48

Segment: **ZA** Product Activity Reporting

Position: 0800

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:

- 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.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ZA01	859	Activity Code	M 1 ID 2/2
			QA	Current Inventory Quantity Available for Shipment or Sale Indicates the quantity currently available to be sold or shipped
			QD	Additional Demand Quantity
			QO	Quantity Out of Stock
			QP	Quantity On Order, Not Yet Received
			QW	Total quantity expected to be received from supplier for current reporting period, but not yet received Quantity Withdrawn from Warehouse Inventory
			QX	Total quantity withdrawn from the warehouse for sales purposes, purposes of unsaleability, or as a result of an intracompany warehouse transfer, promotions, etc. Quantity Requested (Will Override Replenishment Planning)
Must Use	ZA02	380	Quantity	X 1 R 1/15
Must Use	ZA03	355	Unit or Basis for Measurement Code	X 1 ID 2/2
			CA	Case
			EA	Each
Must Use	ZA04	374	Date/Time Qualifier	X 1 ID 3/3
			002	Delivery Requested
			007	Effective
			067	Current Schedule Delivery
			139	Estimated
	ZA05	373	Date	X 1 DT 8/8

Segment: **CTT** Transaction Totals

Position: 0100

Loop:
Level: Summary
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 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.	Data Element	Name	Attributes
M	CTT01	354 Number of Line Items	M 1 N0 1/6

Segment: **SE** Transaction Set Trailer
Position: 0200
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.	Data Element	Name	Attributes
M	SE01	96 Number of Included Segments	M 1 N0 1/10
M	SE02	329 Transaction Set Control Number	M 1 AN 4/9

Segment: **GE** Functional Group Trailer
Position: 0300
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:
Semantic Notes: 1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.
Comments: 1 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	GE01	97 Number of Transaction Sets Included	M 1 N0 1/6
M	GE02	28 Group Control Number	M 1 N0 1/9

Segment: **IEA** Interchange Control Trailer

Position: 0400
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	IEA01	I16	Number of Included Functional Groups	M 1 N0 1/5
M	IEA02	I12	Interchange Control Number	M 1 N0 9/9