

852

# PRODUCT ACTIVITY DATA

For SBT **Scan Based Trading**

The following specifications contain the Product Activity Transaction Set (EDI 852) for use to advise a trading partner of inventory, sales, and other product activity information. The Product Activity data (852) transaction set for the Scan Based Trading can be used to detail store level product sales and inventory cost movement. The receiver of the transaction set will maintain some type of inventory/product movement records for the trading partner to enable inventory movement at a store level based upon the data provided.

**852 Product Activity Data for SBT**  
**Version Release 004010X12**

**Functional Group ID = PD**

**DOCUMENT STRUCTURAL HIERARCHY**

**COMMUNICATION CONTROL HEADERS**

Position	Segment ID	Name	Req	Max Use
	ISA	Interchange Control Header	M	1
	GS	Functional Group Header	M	1

**HEADER**

Position	Segment ID	Name	Req	Max Use
010	ST	Transaction Set Header	M	1
020	XQ	Reporting Data/Action	M	1
040	N9	Reference Identification	O	>1

Position	Segment ID	Name	Req	Max Use
<b>LOOP ID – N1</b>	<b>(Loop Repeat 200)</b>			
060	N1	Name	O	1

**DETAIL**

Position	Segment ID	Name	Req	Max Use
<b>LOOP ID – LIN</b>	<b>(Loop Repeat 999999)</b>			
010	LIN	Item Identification	O	1
<b>Segment ID – CTP</b>				
020	CTP	Pricing Information	O	25
<b>LOOP ID – ZA</b>	<b>(Loop Repeat &gt;1)</b>			
080	ZA	Product Activity Reporting	O	1
<b>Segment ID – SDQ</b>				
110	SDQ	Destination Quantity	O	>1

**SUMMARY**

Position	Segment ID	Name	Req	Max Use
	CTT	Transaction Totals	O	1
	SE	Transaction Set Trailer	M	1

**COMMUNICATION CONTROL TRAILERS**

Position	Segment ID	Name	Req	Max Use
	GE	Functional Group Trailer	M	1
	IEA	Interchange Control Trailer	M	1

**EDI IMPLEMENTATION GUIDE**  
**For**  
**X12 852 Product Activity Data**  
**Version 004010 SBT**

**SUMMARY OF CHANGES**

Change Date	Description of Change
01/05/09	CTP Segment, additional code "DSC". This code will be sent to indicate an off invoice allowance.
06/08/12	CTP Segment "DSC" code removed. "SPC" Special Price will be sent in its place. This code will be sent to indicate an off invoice allowance.

**X12 852 004010**  
**PRODUCT ACTIVITY DATA for SCAN BASED TRADING**

Last Modified: 06/08/12

EDI	NAME	STANDARDS					SAFEGWAY
		Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED

**Header**

ISA	Interchange Control Header						
ISA01	AUTHORIZATION INFO QUALIFIER	I01	M	2	2	ID	00 = NO AUTHORIZATION INFO PRESENT
ISA02	AUTHORIZATION INFORMATION	I02	M	10	10	AN	NO INFO BUT BLANK-FILLED
ISA03	SECURITY INFO QUALIFIER	I03	M	2	2	ID	00 = NO SECURITY INFO REQUIRED
ISA04	SECURITY INFORMATION	I04	M	10	10	AN	NO INFO BUT BLANK-FILLED
ISA05	INTERCHANGE ID QUALIFIER	I05	M	2	2	ID	08 = SAFEWAY'S UCC QUALIFIER
ISA06	INTERCHANGE SENDER ID	I06	M	15	15	AN	9251750000 = SAFEWAY'S ISA COMM ID
ISA07	INTERCHANGE ID QUALIFIER	I07	M	2	2	ID	__ = TRADING PARTNER'S EDI ID QUALIFIER
ISA08	INTERCHANGE RECEIVER ID	I08	M	15	15	AN	TRADING PARTNER'S ISA COMM ID
ISA09	INTERCHANGE DATE	I09	M	6	6	DT	DATE IN YYMMDD FORMAT
ISA10	INTERCHANGE TIME	I10	M	4	4	TM	TIME IN HHMM FORMAT
ISA11	INTERCHANGE CONTROL STANDARD ID	I11	M	1	1	ID	U = CODE VALUE for U.S. EDI COMMUNITY
ISA12	ISA CONTROL VERSION NUMBER	I12	M	5	5	ID	00401 = VERSION USED
ISA13	INTERCHANGE CONTROL NUMBER	I13	M	9	9	NO	INTERCHANGE CONTROL NUMBER
ISA14	ACK REQUESTED	I14	M	1	1	ID	0 = NO ACKNOWLEDGEMENT REQUESTED
ISA15	TEST INDICATOR	I15	M	1	1	ID	P = PRODUCTION DATA (T = TEST)
ISA16	COMPONENT ELEMENT SEPARATOR	I16	M	1	1	ID	> = SUB-ELEMENT SEPARATOR
SAFEWAY USES THE FOLLOWING CHARACTERS:							* = ELEMENT SEPARATOR (ASTERISK)
							~ = SEGMENT TERMINATOR (TILDE)

Sample Data:

ISA\*00\* \*00\* \*08\*9251750000 \*08\*9200000000 \*030401\*0013\*U\*00401\*000005651\*0\*P\*>~

GS	Functional Group Header						
GS01	FUNCTIONAL ID CODE	479	M	2	2	ID	FUNCTIONAL ID CODE: PD
GS02	APPLICATION SENDER CODE	142	M	2	15	AN	SAFEWAY'S GS ID = 8019721193
GS03	APPLICATION RECEIVER CODE	124	M	2	15	AN	TRADING PARTNER'S GS ID
GS04	DATE	373	M	8	8	DT	DATE IN CCYYMMDD FORMAT
GS05	TIME	337	M	4	8	TM	TIME IN HHMM FORMAT
GS06	GROUP CONTROL NUMBER	28	M	1	9	NO	GS CONTROL # INCREMENTED WITHIN ISA
GS07	RESPONSIBLE AGENCY CODE	455	M	1	2	ID	X FOR X12 (T FOR UCS)
GS08	VERSION/RELEASE ID CODE	480	M	1	12	AN	VERSION RELEASE, I.E. 004010

Sample Data:

GS\*PD\*8019721193\*131905978\*20030128\*1040\*960\*X\*004010~

ST	Transaction Set Header						
ST01	TRANSACTION SET ID CODE	143	M	3	3	ID	TRANSACTION SET CODE: 852
ST02	TRANSACTION SET CONTROL NUMBER	329	M	4	9	AN	CONTROL NUMBER RELATIVE TO GS06

Sample Data:

ST\*852\*05572001~

**X12 852 004010**  
**PRODUCT ACTIVITY DATA for SCAN BASED TRADING**

Last Modified: 06/08/12

		STANDARDS					SAFEGWAY
EDI	NAME	Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED

XQ	REPORTING DATA/ACTION						
XQ01	TRANSACTION HANDLING CODE	305	M	1	2	ID	G=PLAN ORDERS & SHIPPED PRODUCT
XQ02	DATE	373	M	8	8	DT	DATE EXPRESSED AS CCYYMMDD

Sample Data:  
XQ\*G\*20030331~

N9	REFERENCE IDENTIFICATION						
N901	REFERENCE IDENTIFICATION QUALIFIER	128	M	2	3	ID	IK=INVOICE NUMBER
N902	REFERENCE IDENTIFICATION	127	M	1	2	AN	INVOICE NUMBER

Sample Data:  
N9\*IK\*0303310019531~

N1	NAME	Entity Name loop					
N101	ENTITY IDENTITY CODE	98	M	2	3	ID	CQ=CORPORATE OFFICE
N102	NAME	93	C	1	60	AN	FREE FORM NAME
N103	ID CODE QUALIFIER	66	C	1	2	ID	9=DUNS+4
N104	ID CODE	67	C	2	80	AN	DUNS + 4

Sample Data:  
N1\*CQ\*SAFEWAY, INC.\*9\*0091372091000~

LIN	ITEM IDENTIFICATION	Item Identification Loop					
LIN01	ASSIGNED ID	350	O	1	20	AN	ELEMENT NOT USED
LIN02	PROD/SERV ID QUALIFIER	235	M	2	2	ID	UD=UPC/EAN CONSUMER CODE (2-5-5)
LIN03	PROD/SERVICE ID	234	M	1	48	AN	CONSUMER UPC

Sample Data:  
LIN\*\*UD\*004154800385~

CTP	PRICING INFORMATION						
CTP01	CLASS OF TRADE CODE	687	O	2	2	ID	ELEMENT NOT USED
CTP02	PRICE ID CODE	236	C	3	3	ID	UCP=UNIT COST PRICE SPC=SPECIAL PRICE -INDICATES OFF INVOICE ALLOWANCE
CTP03	UNIT PRICE	212	C	1	17	R4	PRICE PER UNIT OF PRODUCT

Sample Data:  
CTP\*\*UCP\*3.84~  
CTP\*\*SPC\*.31~

**X12 852 004010**

**PRODUCT ACTIVITY DATA for SCAN BASED TRADING**

Last Modified: 06/08/12

		STANDARDS					SAFEWAY	
EDI	NAME	Code	Req	Min	Max	Atrb	REQUIRED/ACCEPTED	

ZA	PRODUCT ACTIVITY REPORTING	Product Activity Reporting Loop					
ZA01	ACTIVITY CODE	859	M	2	2	ID	QS=QUANTITY SOLD
ZA02	QUANTITY	380	C	1	15	R3	ELEMENT NOT USED
ZA03	UNIT/BASIS MEASURE CODE	355	C	2	2	ID	ELEMENT NOT USED
ZA04	DATE/TIME QUALIFIER	374	C	3	3	ID	007=EFFECTIVE
ZA05	DATE	373	C	8	8	DT	DATE PRODUCT WAS SOLD IN THE STORE

Sample Data:

ZA\*QS\*\*\*007\*20030331~

SDQ	DESTINATION QUANTITY						
SDQ01	UNIT/BASIS MEASURE CODE	355	M	2	2	ID	EA=EACH
SDQ02	ID CODE QUALIFIER	66	O	1	2	ID	92=INTERNAL ID NUMBER ASSIGNED BY BUYER OR BUYER AGENT
SDQ03	ID CODE	67	M	2	80	AN	CODE IDENTIFYING A STORE NUMBER
SDQ04	QUANTITY	380	M	1	15	R3	QUANTITY SOLD

Sample Data:

SDQ\*EA\*92\*0845\*1~

CTT	TRANSACTION TOTALS						
CTT01	NUMBER OF LINE ITEMS	354	M	1	68	NO	TOTAL NUMBER OF ITEMS IN TRANSACTION

Sample Data:

CTT\*63~

SE	TRANSACTION SET TRAILER						
SE01	NUMBER OF INCLUDED SEGMENTS	96	M	1	10	NO	# OF SEGMENTS FROM ST TO SE
SE02	TRANSACTION SET CONTROL NUMBER	329	M	4	9	AN	MUST BE SAME # AS IN ST SEGMENT

Sample Data:

SE\*28\*05572001~

GE	FUNCTIONAL GROUP TRAILER						
GE01	NUMBER OF TRANSACTION SETS INCLUDED	97	M	1	6	NO	# OF SETS IN FUNCTIONAL GROUP
GE02	GROUP CONTROL NUMBER	28	M	1	9	NO	SAME AS <u>GS06</u>

Sample Data:

GE\*1\*5572~

IEA	INTERCHANGE CONTROL TRAILER						
IEA01	# OF INCLUDED FUNCTIONAL GROUP	116	M	1	5	NO	# OF GROUPS IN THE INTERCHANGE
IEA02	INTERCHANGE CONTROL NUMBER	112	M	9	9	NO	SAME NUMBER AS <u>ISA13</u>

Sample Data:

IEA\*1\*000005651~



**Sample 852 Raw Data**

ISA\*00\* \*00\* \*08\*9251750000 \*08\*9200000000 \*030401\*0013\*U\*00401\*000005651\*0\*P\*>~  
 GS\*PD\*8019721193\*8008000000\*20030401\*0013\*5572\*X\*004010~  
 ST\*852\*05572001~  
 XQ\*G\*20030331~  
 N9\*IK\*0303310019531~  
 N1\*CQ\*SAFEWAY, INC.\*9\*0091372091000~  
 LIN\*\*UD\*004154800385~  
 CTP\*\*UCP\*3.84~  
 CTP\*\*SPC\*.31~  
 ZA\*QS\*\*\*007\*20030331~  
 SDQ\*EA\*92\*0845\*1~  
 LIN\*\*UD\*004154800785~  
 CTP\*\*UCP\*3.84~  
 ZA\*QS\*\*\*007\*20030331~  
 SDQ\*EA\*92\*0845\*1~  
 LIN\*\*UD\*004154802776~  
 CTP\*\*UCP\*2.3~  
 ZA\*QS\*\*\*007\*20030331~  
 SDQ\*EA\*92\*0001\*2\*2244\*1~  
 LIN\*\*UD\*004154803985~  
 CTP\*\*UCP\*3.84~  
 ZA\*QS\*\*\*007\*20030331~  
 SDQ\*EA\*92\*0001\*2\*2244\*1~  
 LIN\*\*UD\*004154804785~  
 CTP\*\*UCP\*3.84~  
 ZA\*QS\*\*\*007\*20030331~  
 SDQ\*EA\*92\*0001\*1\*2244\*1~  
 LIN\*\*UD\*004154805276~  
 CTP\*\*UCP\*2.3~  
 CTT\*63~  
 SE\*29\*05572001~  
 GE\*1\*5572~  
 IEA\*1\*000005651~

**SUMMARY NOTES**

Below is a table that lists the Safeway Duns + 4 digit Division # with its corresponding division name.

Safeway Duns + 4 Digit Division	Safeway Division
0091372090500	Denver
0091372091000	Dominick's
0091372091300	Genaurdi's
0091372091700	Phoenix
0091372091900	Portland
0091372092000	Texas (Randall's/Tom Thumb)
0091372092500	NorCal
0091372092700	Seattle/Spokane/Anchorage
0091372092900	Von's SoCal
0091372093500	Eastern
0091372096500	CPS