Super Store Industries
EDI Specifications
880
UCS Grocery Products Invoice
Inbound to SSI

880   **Grocery Products Invoice**
Functional Group=GP
Version 004010 UCS

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Segment Specifications

Segment	Description	Req	Max Use	Repeat	Usage
Header					
GO1	Invoice Identification	M	1		Must use
N9	Reference Identification	O	10		Must use
G62	Date/Time	O	5		Must use
NTE	Note/Special Instruction	O	20		Optional
G27	Carrier Detail	O	5		Optional
G23	Terms of Sale	O	20		Must use
G25	F.O.B. Information	O	1		Optional
Loop ID – 0100	**Name and Address**			10	Required
N1	Name	O	1		Must use
N2	Additional Name Information	O	1		Optional
N3	Address Information	O	2		Optional
N4	Geographic Location	O	1		Conditional
Loop ID – 0200	**Invoice Level Allowances/Charges**			100	Optional
G72	Allowance or Charge	O	1		Optional
G73	Allowance or Charge Description	O	10		Optional
Detail					
Loop ID – 0300	**Item Detail**			9999	Required
G17	Item Detail - Invoice	O	1		Must use
G69	Line Item Detail - Description	O	5		Optional
G20	Item Packing Detail	O	10		Optional
Loop ID – 0310	**Item Level Allowances/Charges**			100	Optional
G72	Allowance or Charge	O	1		Optional
G73	Allowance or Charge Description	O	10		Optional
Summary					
G31	Total Invoice Quantity	M	1		Must use
G33	Total Dollars Summary	M	1		Must use

3/5/2010

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Element Specifications

G01   Invoice Identification — This segment is required

Ele	Description	M/O	Data Type	Min/Max	Acceptable Values
G0101	Date	M	DT	8/8	The date the invoice is created
G0102	Invoice Number	M	AN	1/22	Invoice Number
G0103	Date	M	DT	8/8	Purchase Order Date
G0104	Purchase Order Number	M	AN	1/22	Purchase Order Number
G0105	Vendor Order Number	O	AN	1/22	Vendor Order Number
G0106	Master Reference (Link) Number	X	AN	1/22	Not used
G0107	Link Sequence Number	X	N0	6/6	Not used
G0108	Transaction Type Code	O	ID	2/2	Code Meaning DO Drop Shipment Blank Regular Invoice

N9   Reference Identification — This segment is optional

Ele	Description	M/O	Data Type	Min/Max	Acceptable Values
N901	Reference Identification Qualifier	M	ID	2/3	Code Meaning PA Price Area Number BK Broker's Order Number SI Shipper's ID Number BM Bill of Lading Number
N902	Reference Identification	O	AN	1/30	Identifying Number related to code in N901
N903	Free-form Description	O	AN	1/45	Not used
N904	Date	O	DT	8/8	Not used
N905	Time	O	TM	4/8	Not used
N906	Time Code	O	ID	2/2	Not used
N907	Reference Identifier	O			Not used

G62   Date/Time — This segment is required

Ele	Description	M/O	Data Type	Min/Max	Acceptable Values
G6201	Date Qualifier	M	ID	2/2	Code Meaning 11 Shipped Date
G6202	Date	M	DT	8/8	Date the order shipped
G6203	Time Qualifier	O	ID	1/2	Not used
G6204	Time	X	TM	4/8	Not used
G6205	Time Code	O	ID	2/2	Not used

NTE	Note/Special Instruction				This segment is optional
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
NTE01	Note Reference Code	M	ID	3/3	Code Meaning LSD Legal Structure Details DEL Delivery Instructions BOL Bill of Lading Note INV Invoice Instruction OTH Other Instructions SPH Special Handling ZZZ Mutually Defined
NTE02	Description	M	AN	1/80	Message related to code in NTE01

G27	Carrier Detail				This segment is optional
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G2701	Transportation Method/Type Code	M	ID	1/2	Code Meaning A Air D Parcel Post H Customer Pick Up M Motor (Common Carrier) R Rail U Private Parcel Service X Intermodal (Piggyback) Use M for truck deliveries, H for customer pick up.
G2702	Equipment Initial	O	AN	1/4	Not used
G2703	Equipment Number	O	AN	1/10	Not used
G2704	Standard Carrier Alpha Code (SCAC)	X	ID	2/4	Send the SCAC for the carrier – for customer pick up, specify CPU. You must include either this element or element G2705.
G2705	Routing	X	AN	1/35	Include a description of the routing
G2706	Shipment/Order Status Code	O	ID	2/2	Not used

G23	**Terms of Sale**				This segment is required
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G2301	Terms Type Code	M	ID	2/2	Code Meaning 01 Basic 03 Fixed Date 05 Discount not Applicable
G2302	Terms Basis Date Code	M	ID	1/2	Code Meaning 1 Ship Date 2 Delivery Date 3 Invoice Date This code identifies the beginning of the terms period
G2303	Terms Start Date	O	DT	8/8	The date from which payment terms are calculated. (Optional)
G2304	Terms Due Date Qualifier	O	ID	2/2	Code Meaning 01 Postmark Date 02 Received by Date 03 EFT Settlement Date 04 Funds Deposited by Date When the payment is considered made. (optional)
G2305	Terms Discount Percent	O	R	1/6	Discount percent (either this element or element G2310 is required if G2301 is not 05.)
G2306	Terms Discount Due Date	O	DT	8/8	The date by which the invoice must be paid to qualify for the discount.
G2307	Terms Discount Days Due	O	N0	1/3	The number of days from the Terms Start Date by which the invoice must be paid to qualify for the discount.
G2308	Terms Net Due Date	X	DT	8/8	Date when total invoice becomes due
G2309	Terms Net Days	X	N0	1/3	Number of days until total invoice becomes due (discount not applicable)
G2310	Terms Discount Amount	O	N2	1/10	Total discount amount if paid by discount date
G2311	Discounted Amount Due	O	N2	1/10	Amount due if paid by discount date
G2312	Amount Subject to Terms Discount	O	N2	1/10	Amount on which discount was calculated
G2313	Installment Total Invoice Amount Due	O	N2	1/10	Not used
G2314	Percent of Invoice Payable	O	4	1/5	Not used
G2315	Free Form Message	O	AN	1/60	Not used
G2316	Installment Group Indicator	O	N0	2/2	Not used

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G25	F.O.B Information				This segment is optional
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G2501	Shipment Method of Payment	M	ID	2/2	Code Meaning CC Collect PB Customer Pick Up/Backhaul PP Prepaid (by Seller) PC Prepaid, but charged to Customer
G2502	F.O.B. Point Code	M	ID	2/2	Code Meaning 02 Destination 04 Origin
G2503	F.O.B. Point	O	AN	1/30	Not used

N1	Name				This segment is required
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
N101	Entity Identifier Code	M	ID	2/3	Code Meaning VN Vendor RE Remit To SF Ship From ST Ship To BT Bill To BS Both Bill To and Ship To
N102	Name	X	AN	1/60	Your company's name
N103	Identification Code Qualifier	X	ID	1/2	Code Meaning 9 D-U-N-S+4,D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer
N104	Identification Code	X	AN	2/80	Your company's DUNS number (13 digits) if the value in N103 = 9. SSI's vendor number if the value in N103 = 92.
N105	Entity Relationship Code	O	ID	2/2/	Not used
N106	Entity Identifier Code	O	ID	2/3	Not used

N2	Additional Name Information				This segment is optional
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
N301	Name	M	AN	1/55	Your company's additional name info
N302	Name	O	AN	1/55	Your company's additional name info

N3	Address Information				This segment is optional, but preferred.
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
N301	Address Information	M	AN	1/55	Your company's address
N302	Address Information	O	AN	1/55	Your company's address (Optional)

N4	Geographic Location				This segment is optional, but must be sent if you send the N3.
Ele	Description	M/O	Data Type	Min/ Max	Acceptable Values
N401	City Name	O	AN	2/30	Your company's city
N402	State or Province Code	O	ID	2/2	Your state or province code (from the EDI standards)
N403	Postal Code	O	ID	3/15	Postal Code (Required for US addresses, but optional for all others)
N404	Country Code	O	ID	2/3	Country Code (from the EDI standards) (Optional)
N405	Location Qualifier	O	ID	1/2	Not used
N406	Location Identifier	O	AN	1/30	Not used

G72	Allowance or Charge (Header level)				This segment is required <u>only if there is a charge or allowance that applies at the order level</u>. Otherwise it is optional.
Ele	Description	M/O	Data Type	Min/ Max	Acceptable Values
G7201	Allowance or Charge Code	M	ID	1/3	<u>Code Meaning</u> 100 Advertising Allowance 106 Show Allowance 525 Deposit Charge (used for CRV) 999 Other Charges
G7202	Allowance or Charge Method of Handling Code	M	ID	2/2	<u>Code Meaning</u> 01 Bill Back 02 Off Invoice 05 Charge to be Paid by Vendor 06 Charge to be Paid by Customer
G7203	Allowance or Charge Number	X	AN	1/16	The promotion or charge identifying number (optional)
G7204	Exception Number	O	AN	1/16	Not used
G7205	Allowance or Charge Rate	X	R	1/15	The allowance or charge rate
G7206	Allowance or Charge Quantity	X	R	1/10	The quantity to which the charge rate is applied. If you send G7205, you must also send this element.
G7207	Unit of Measure Code	X	ID	2/2	Unit of measure for the quantity in G7206. <u>Code Meaning</u> CA Case PL Pallet LB Pound EA Each
G7208	Allowance or Charge Total Amount	X	N2	1/15	The total amount of the charge or allowance
G7209	Percent	X	R	1/6	The percent of the charge or allowance
G7210	Dollar Basis For Percent	X	R	1/9	The dollar amount to which the percent in G7210 is applied
G7211	Option Number	O	AN	1/20	Not used

Note: If you send this segment, you must include one of G7203, G7205, G7208 or G7209. You may only send one of G7205, G7208 or G7209. We prefer to receive G7203 in all cases, but it is not mandatory.

G73	Allowance or Charge Description (Header Level)				This segment is optional, but must be included if you send the G72.
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G7301	Allowance or Charge Description	M	AN	1/45	A description of the charge or allowance sent in the G72.

G17	Item Detail - Invoice				This segment is required
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G1701	Quantity Invoiced	M	R	1/10	The quantity of product (number of cases, pounds or pallets)
G1702	Unit of Measure Code	M	ID	2/2	Code Meaning CA Case LB Pound PL Pallet
G1703	Item List Cost	X	R	1/9	The price charged for this item
G1704	U.P.C Case Code	M	AN	12/12	The **case** UPC for the product. This is in the format 2-5-5. The code must conform to the following: • 2 digit number system character (U.S. Grocery and General Merchandise = 00, 06, or 07) • 5 digit manufacturer ID • 5 digit item number This U.P.C. does **not** include a check digit
G1705	Product/Service ID Qualifier	X	ID	2/2	Code Meaning UK U.P.C./EAN Shipping Container Code. This is in the format 1-2-5-5-1. This code indicates that the value sent in G1706 is the Global Trade Item Number (GTIN). (Must be included if you send G1706.) **Required by SSI.**
G1705	Product/Service ID	X	AN	1/48	The Global Trade Item Number (GTIN) – **Required by SSI.**
G1707	Product/Service ID Qualifier	X	ID	2/2	Code Meaning PI Purchaser's Item Number UI U.P.C. Consumer Package Code (1-5-1) (Must be included if you send G1708)
G1708	Product/Service ID	X	AN	1/48	Consumer Package code or Super Store Industries item number (Optional)
G1709	Price Bracket Identifier	O	AN	1/3	Not used
G1710	Number of Units Shipped	X	R	1/10	Not used
G1711	Unit of Measure Code	X	ID	2/2	Not used
G1712	Price List Number	O	AN	1/16	Not used
G1713	Price List Issue Number	O	AN	1/16	Not used
G1714	Monetary Amount	X	R	1/18	Not used

G69	Line Item Detail - Description				This segment is required
Ele	**Description**	**M/O**	**Data Type**	**Min/Max**	**Acceptable Values**
G6901	Free-form Description	M	AN	1/45	A description of the product

G20	Packing Detail				This segment is optional
Ele	**Description**	**M/O**	**Data Type**	**Min/Max**	**Acceptable Values**
G2001	Pack	O	N0	1/6	The number of inner containers per outer container, or number of eaches per container if there are no inner containers,
G2002	Size	X	R	1/8	Size of the item referenced in G2001
G2003	Unit of Measure Code	M	ID	2/2	Code Meaning OZ Ounce EA Each
G2004	Weight	X	R	1/10	Not used
G2005	Unit of Measure Code	X	ID	2/2	Not used, but if you send G2004, you must also send this element.
G2006	Volume	X	R	1/8	Not used
G2007	Unit of Measure Code	X	ID	2/2	Not used, but if you send G2006, you must also send this element.
G2008	Color	O	AN	1/10	Not used
G2009	Inner Pack	O	N0	1/6	Not used

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G72	**Allowance or Charge** **(Detail level)**				This segment is required <u>only if there is a charge or allowance that applies at the detail level</u>. Otherwise it is optional.
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G7201	Allowance or Charge Code	M	ID	1/3	Code Meaning 4 Fuel Allowance 53 Freight Allowance 54 Pickup Allowance 58 Unsaleable Merchandise Allowance 525 Deposit Charge (used for CRV)
G7202	Allowance or Charge Method of Handling Code	M	ID	2/2	Code Meaning 01 Bill Back 02 Off Invoice 06 Charge to be Paid by Customer This code will be used to determine whether to add or subtract the allowance/charge from the invoice amount. 01 will not change the invoice amount. 02 will decrease and 06 will increase the invoice amount.
G7203	Allowance or Charge Number	X	AN	1/16	The promotion or charge identifying number (optional)
G7204	Exception Number	O	AN	1/16	Not used
G7205	Allowance or Charge Rate	X	R	1/15	The allowance or charge rate
G7206	Allowance or Charge Quantity	X	R	1/10	The quantity to which the charge rate is applied. If you send G7205, you must also send this element.
G7207	Unit of Measure Code	X	ID	2/2	Unit of measure for the quantity in G7206. Code Meaning CA Case PL Pallet LB Pound EA Each
G7208	Allowance or Charge Total Amount	X	N2	1/15	The total amount of the charge or allowance
G7209	Percent	X	R	1/6	The percent of the charge or allowance
G7210	Dollar Basis For Percent	X	R	1/9	The dollar amount to which the percent in G7210 is applied
G7211	Option Number	O	AN	1/20	Not used

Note: **If you send this segment, you must include one of G7203, G7205, G7208 or G7209. You may only send one of G7205, G7208 or G7209. We prefer to receive G7203 in all cases, but it is not mandatory.**

G73	**Allowance or Charge Description** **(Detail Level)**				This segment is optional, but must be included if you send the G72.
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G7301	Allowance or Charge Description	M	AN	1/45	A description of the charge or allowance

G31	Total Invoice Quantity				This segment is required
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G3101	Number of Units Shipped	M	R	1/10	The total number of cases or pallets on this invoice
G3102	Unit of Measure Code	M	ID	2/2	Unit of measure for the quantity in G3101. Code Meaning CA Case PL Pallet
G3103	Weight	X	R	1/10	Total weight of product on the invoice (optional)
G3104	Unit of Measure Code	X	ID	2/2	Unit of measure for the quantity in G3103. Code Meaning LB Pound This element is optional, but must be included if you send G3103.
G3105	Volume	X	R	1/8	Total volume of product on the invoice (optional)
G3106	Unit of Measure	X	ID	2/2	Unit of measure for the quantity in G3105. Code Meaning CF Cubic Feet This element is optional, but must be included if you send G3105.
G3107	Order Sizing Factor	O	R	1/10	Not used
G3108	Price Bracket Identifier	O	AN	1/3	Not used
G3109	Payment Method Code	O	ID	1/2	Not used
G3110	Quantity	O	R	1/15	Not used
G3111	Weight	O	R	1/10	Not used

G33	Total Dollars Summary				This segment is required
Ele	**Description**	**M/O**	**Data Type**	**Min/ Max**	**Acceptable Values**
G3301	Amount	M	N2	1/15	The total amount of the invoice in U.S. dollars

Notes

1. It is the responsibility of the vendor to ensure that the U.P.C. case code sent on the invoice has been clearly communicated to Super Store Industries before the invoice is transmitted. Invalid U.P.C.'s will cause a delay in processing the invoice.

2. Super Store Industries segment terminator is a tilde (~), the segment separator is an asterisk (*), and the sub-element separator is a greater than symbol (>).

3. Any element marked "Not used" may be included, but will not be mapped or used by Super Store Industries.

4. For elements that are type R, include a decimal point for fractional quantities (e.g. 1½ would be sent as 1.5. For whole numbers, you can exclude the decimal

5. For elements that are type N, do not include a decimal point for fractional quantities. (e.g. If the definition were N2, 1½ would be sent as 150)

6. All quantities and should be sent as positive numbers.

7. For the N1 loop, the N2, N3 and N4 segments are optional, but if you send the N3, you must also send the N4.

8. For the G72 segment, we will accept any value in G7201 that conforms to the standard. The values shown in this document are recommended values for specific charges/allowances that we expect to receive. Whether to add it to or subtract it from the invoice amount is determined by what is sent in G7202. A "Bill Back" does not change the invoice amount. An "Off Invoice" decreases the invoice amount. A "Charge to Be Paid by Customer" increases the invoice amounts.

Sample 880

G01*20080826*0068111*20080822*439199~
N9*BM*30389869~
G62*11*20080826~
G27*H*CPU*07308*CPU*CUSTOMER PICKUP-3RD PARTY~
G23*01*3*20080826*04*2*20080912*17*20080913*18*90522*4386483*4526100***2% 17 IF IN BANK BY 17TH DAY~
G25*PB*02~
N1*VN*ANY COMPANY, INC*9*9876543210000~
N3*PO BOX 12345*NUMBER ONE ANY BLVD~
N4*THIS TOWN*CA*92123~
N1*BT*SUPER STORE INDUSTRIES*9*6089576680000~
N3*PO BOX 549~
N4*LATHROP*CA*95330~
N1*ST*SUPER STORE INDUSTRIES*9*6089576680006~
N3*2400 LOUISE AVE~
N4*LATHROP*CA*95330~
N1*SF*THIS TOWN*9*001234567890159~
N3*2000 SOME RD~
N4*SOME TOWN*CA*95123~
N1*RE*ANY COMPANY, INC*9*9876543210000~
N3*EFT This Bank, 123 Bank Ave South~
N4*Los Angeles*CA*93124~
G72*54*02******-27764~
G73*CPU PER UNIT~
G72*4*02******-8131~
G73*CPU FUEL ADJUSTMENT%~
G72*40*02******-13200~
G73*UNLOADING/PALLET ALL~
G17*54*CA*44.79*001234527509*UI*01234527509*UK*10012345275093~
G69*PRODUCT 1~
G20*10*24*OZ~
G72*525*06******069~
G73*CRV CHARGE~
G17*36*CA*37.11*001234527534*UI*01234527534*UK*10012345275345~
G69*PRODUCT 2~
G20*12*11.5*OZ~
G17*24*CA*48.65*001234527569*UI*01234527569*UK*10012345275697~
G69*PRODUCT 3~
G20*14*16*OZ~
G31*1296*UN*16714.8*LB*2113.056*CF*16714.8~
G33*4477005~