



SCHREIBER FOODS, INC
GROCERY PRODUCTS INVOICE

810 Transaction Set
004010 X12

<u>SFI REQ</u>	<u>ID</u>	<u>SEGMENT</u>	<u>M/O</u>	<u>MAX USE</u>	<u>LOOP ID</u>
*	ST	Transaction Set Header	M	1	0
*	BIG	Beginning Segment for Invoice	M	1	0
	REF	Reference Identification	O	12	0
*	N1	Name	O	1	100
	N3	Address Information	O	2	100
	N4	Geographic Location	O	1	100
	ITD	Terms of Sale	O	1	0
	DTM	Date/Time Reference	O	10	0
	FOB	F.O.B Related Instructions	O	1	0
*	IT1	Baseline Item Data	O	1	200
	IT3	Additional Item Data	O	5	200
	PID	Product/Item Description	O	1	210
	SAC	Service, Promotion, Allowance, or Charge Information	O	1	220
*	TDS	Total Monetary Value Summary	M	1	0
	CAD	Carrier Detail	O	1	0
	SAC	Service, Promotion, Allowance, or Charge Information	O	1	300
*	ISS	Invoice Shipment Summary	O	1	400
	CTT	Transaction Totals	O	1	400
*	SE	Transaction Set Trailer	M	1	0



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Segment ST - Transaction Set Header

Purpose: To indicate the start of a transaction set and to assign a control number.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	143	{ST01} - Transaction Set ID Code (810) – Invoice	ID	3	3
*	02	329	{ST02} - Transaction Set Control No. (Assigned by originator)	AN	4	9



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Segment BIG – Beginning Segment for Invoice

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	373	{BIG01} – Date (CCYYMMDD)	DT	8	8
*	02	76	{BIG02} – Invoice Number	AN	1	22
	03	373	{BIG03} – Date (CCYYMMDD)	DT	8	8
	04	324	{BIG04} – PO Number	AN	1	22
	05	328	{BIG05} – Release Number	AN	1	30



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Segment REF – Reference Identification

Purpose: To specify identifying information.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	128	{N901} – Reference Identification Qualifier (BM – Bill of Lading Number, VN – Order Number)	ID	2	2
	02	127	{N902} – Reference Number	AN	1	30



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Segment N1 - Name

Purpose: To identify a party by type of organization, name, and code.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	98	{N101} – Entity ID Code (BT – Bill To, RE – Remit To, ST – Ship To, VN - Vendor)	ID	2	2
	02	93	{N102} – Name	AN	1	35
	03	66	{N103} – Identification Code Qualifier (9) D-U-N-S+4,D-U-N-S Number with Four Character Suffix	ID	1	1
	04	67	{N104} – Identification Code (D-U-N-S+4,D-U-N-S Number with Four Character Suffix)	AN	1	13



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Segment N3 – Address Information

Purpose: To specify the location of the named party.

<u>REQ</u>	<u>FIELD</u>	<u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u>	<u>MAX</u>
<u>FLD</u>						<u>LEN</u>	<u>LEN</u>
*	01	166		{N301} – Address Information	AN	1	55
	02	166		{N302} – Address Information	AN	1	55



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Segment N4 – Geographic Location

Purpose: To specify the geographic place of the named party.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
	01	19	{N401} – City Name	AN	2	30
	02	156	{N402} – State or Province Code	ID	2	2
	03	116	{N403} – Postal Code	ID	3	15



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Segment ITD – Terms of Sale

Purpose: To specify the terms of sale.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
	01	336	{ITD01} – Terms Type Code	ID	2	2
	02	333	{ITD02} – Terms Basis Date Code	ID	1	2
	06	446	{ITD06} – Terms Net Due Date	DT	8	8
	07	366	{ITD07} – Terms Net Days	N0	1	3
	12	352	{ITD12} – Description	AN	1	80



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Segment DTM – Date/Time

Purpose: To specify pertinent dates and times.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	432	{DTM01} – Date Qualifier (10 – Requested Ship Date/Pick-up Date, 11 – Shipped on this Date)	ID	3	3
	02	373	{DTM02} – Date (CCYYMMDD)	DT	8	8



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Segment FOB – F.O.B. Related Instructions

Purpose: To specify transportation instructions relating to shipment.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	146	{FOB01} – Ship Method of Payment (CC – Collect , PP – Prepaid)	ID	2	2
	02	309	{FOB02} – Location Qualifier (OV – On Vessel, FOB Point, OR – Origin, Shipping Point)	ID	1	2
	03	352	{FOB03} – Description	AN	1	80



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Segment IT1 – Baseline Item Data

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
	01	350	{IT101} – Assigned ID	AN	1	20
	02	358	{IT102} – Quantity Invoiced	R3	1	10
	03	355	{IT103} – Unit/Basis Measure Code(CA- Case, LB – Pound)	ID	2	2
	04	212	{IT104} – Unit Price	R4	1	17
	05	639	{IT105} – Basis Unit Price Code(PE – Price per Each)	ID	2	2
	06	235	{IT106} – Prod/Service ID Qualifier(UA – UPC code, IN – Buyer’s Item Number)	ID	2	2
	07	234	{IT107} – Product/Service Id	AN	1	48



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Segment IT3 – Additional Item Data

Purpose: To specify additional item details relating to variations between ordered and shipped quantities or to specify alternate units of measures and quantities.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
	01	382	{IT301} – Number of Units Shipped	R0	1	10
	02	355	{IT302} – Unit/Basis Measure Code (CA – Cases)	ID	2	2



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Segment PID – Line Item Detail - Description

Purpose: To describe a product or process in coded or free-form format.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	349	{PID01} – Item Description Type (F – Free Form)	ID	1	1
	05	352	{PID05} – Free Form Description	AN	1	80



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Segment SAC – Service, Promotion, Allowance or Charge Information/Item

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	248	{SAC01} – Allowance/Charge Indicator (A- Allowance, C – Charge	ID	1	1
	02	1300	{SAC02} – Allowance/Charge Code (C460 – Drop Dock Allowance, D210 –Freight Allowance, D250 – Spoils Allowance, D290 – Truck Load Allowance, F170 – Pallet Charge, F340 – Pick-up Allowance, F800 – Promotion Allowance	ID	4	4
	05	610	{SAC05} – Amount	N2	1	15
	08	118	{SAC08} – Rate	R4	1	9
	12	331	{SAC12} – Allowance/Charge Handling Code (02 - Off Invoice, 06 – Charge to be Paid by Customer	ID	2	2
	15	352	{SAC15} – Description	AN	1	80



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Segment TDS – Total Monetary Value Summary

Purpose: To specify total invoice discounts and amounts.

<u>REQ</u>	<u>FIELD</u>				<u>MIN</u>	<u>MAX</u>
<u>FLD</u>	<u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>LEN</u>	<u>LEN</u>
*	01	610	{TDS01} – Amount	N2	1	15
	02	610	{TDS02} – Amount	N2	1	15
	03	610	{TDS03} – Amount	N2	1	15
	04	610	{TDS04} – Amount	N2	1	15



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Segment CAD – Carrier Detail

Purpose: To specify the total invoice amount, including charges less allowances, before terms discount.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
	01	91	{CAD01} – Transport Type Code	ID	1	2
	04	140	{CAD04} – SCAC(Standard Carrier Alpha Code)	ID	2	4
	05	387	{CAD05} – Routing	AN	1	35
	07	128	{CAD07} – Reference Identification Qualifier	ID	2	3
	08	127	{CAD08} – Reference Identification	AN	1	30



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Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	248	{SAC01} – Allowance/Charge Indicator (A- Allowance, C – Charge	ID	1	1
	02	1300	{SAC02} – Allowance/Charge Code (C460 – Drop Dock Allowance, D200 – Freight Charge, D210 –Freight Allowance, D250 – Spoils Allowance, F170 – Pallet Charge, F340 – Pick-up Allowance, F800 – Promotion Allowance	ID	4	4
	05	610	{SAC05} – Amount	N2	1	15
	08	118	{SAC08} – Rate	R4	1	9
	12	331	{SAC12} – Allowance/Charge Handling Code (02 - Off Invoice, 06 – Charge to be Paid by Customer	ID	2	2
	13	127	{SAC13} – Reference Identification	AN	1	30
	15	352	{SAC15} – Description	AN	1	80



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Segment ISS – Invoice Shipment Summary

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
	01	382	{ISS01} – Number of Units Shipped	R0	1	10
	02	355	{ISS02} – Unit/Basis Measurement Code	ID	2	2
	03	81	{ISS03} – Weight	R2	1	10
	04	355	{ISS04} – Unit/Basis Measurement	ID	2	2



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Segment CTT – Transaction Totals

Purpose: To transmit a hash total for a specific element in the transaction set.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	354	{CTT01} – Number of Line Items	N0	1	6
	02	347	{CTT02} – Hash Total	R0	1	10



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Segment SE - Transaction Set Trailer

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.

<u>REQ</u> <u>FLD</u>	<u>FIELD</u> <u>NUM</u>	<u>DICT</u>	<u>FIELD/VALUES</u>	<u>TYPE</u>	<u>MIN</u> <u>LEN</u>	<u>MAX</u> <u>LEN</u>
*	01	96	{SE01} - Number of Include Segments	N0	1	10
*	02	329	{SE02} - Transaction Set Control Number	AN	4	9