

RITE AID CORPORATION

856 – ADVANCE SHIPMENT NOTICE (ASN)

Segment ID	Description	Segment Attributes	Location
EDI Control Segments			
ISA	Interchange Control Header	M	Control
GS	Functional Group Header	M	Control
ST	Transaction Set Header	M	Control
ASN Header Segment			
BSN	Beginning Segment for Ship Notice	M	Heading
Shipment Level			
HL	Hierarchical Level	M	Detail
TD1	Carrier Details (Quantity and Weight)	M	Detail
TD5	Carrier Details (Routing Sequence/Transit Time)	M ²	Detail
TD3	Carrier Details (Equipment)	O	Detail
REF	Reference Numbers for Shipment – Bill of Lading	M	Detail
REF	Reference Numbers for Shipment – PRO Number	O	Detail
DTM	Date/Time References for Shipment – Shipped Date and Time	M	Detail
DTM	Date/Time References for Shipment – Scheduled Delivery	O	Detail
N1	Name	M	Detail
N4	Geographic Location	M	Detail
Order Level			
HL	Hierarchical Level	M	Detail
PRF	Purchase Order Reference	M	Detail
TD5	Carrier Details (Routing Sequence/Transit Time)	M ²	Detail
Tare Level¹			
HL	Hierarchical Level	O ¹	Detail
MAN	Marks and Numbers	O ¹	Detail
Pack Level¹			
HL	Hierarchical Level	O ¹	Detail
MAN	Marks and Numbers	O ¹	Detail
Item Level			
HL	Hierarchical Level	M	Detail
LIN	Item Identification	M	Detail
SN1	Item Detail	M ²	Detail
PO4	Item Physical Details	O	Detail
PID	Item Description	M	Detail
DTM	Date/Time Reference	O	Detail
EDI Control Segments			
SE	Transaction Set Trailer	M	Control
GE	Functional Group Trailer	M	Control
IEA	Interchange Control Trailer	M	Control

- Note 1: Tare and Pack Levels are optional
- Note 2: Status is required at one or more levels – TD506 in Shipment level, TD506 in Order level or SN108 in Item level.
When no status is present at a particular level, Rite Aid makes the following assumptions:
SHIPMENT STATUS – CC (Shipment Complete)
ORDER STATUS – PD (Purchase Order Complete)
ITEM STATUS – AC (Accepted and Shipped)
- One ASN may contain multiple, unique purchase orders.
- The ASN must be received within 24 hours of the ship date and time indicated in the DTM (011) segment and prior to receipt of shipment.
- In the rare instance that an ASN correction needs to be made, Rite Aid can process one duplicate ASN#. The duplicate ASN will be processed as a replacement to the original. **KEEP IN MIND THAT RITE AID'S GUIDELINES FOR RECEIVING THE ASN WITHIN 24 HOURS OF THE SHIP DATE AND TIME WILL APPLY TO THE REPLACEMENT ASN.**
- Additional information is available in Rite Aid's **Vendor Supply Chain Guide**, on-line at http://www.riteaidediservices.com/SupplyChain/RiteAid_Vendor_Supply_Chain_Guide.pdf
- And on the Rite Aid Supplier Portal, online at: <https://raportal.riteaid.com>

ISA Interchange Control Header

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
ISA01	I01	Authorization Information Qualifier	00	M	ID	2/2	
ISA02	I02	Authorization Information		M	AN	10/10	Spaces
ISA03	I03	Security Information Qualifier	00	M	ID	2/2	
ISA04	I04	Security Information		M	AN	10/10	Spaces
ISA05	I05	Interchange ID Qualifier		M	ID	2/2	Assigned by partner
ISA06	I06	Interchange Sender ID		M	AN	15/15	Assigned by partner
ISA07	I05	Interchange ID Qualifier	01	M	ID	2/2	DUNS
ISA08	I07	Interchange Receiver ID	014578892	M	AN	15/15	Rite Aid's DUNS Number
ISA09	I08	Interchange Date		M	DT	6/6	Current date
ISA10	I09	Interchange Time		M	TM	4/4	Current time
ISA11	I10	Interchange Standards ID	U	M	ID	1/1	
ISA12	I11	Interchange Version ID	00401	M	ID	5/5	
ISA13	I12	Interchange Control Number		M	N0	9/9	Sequential number
ISA14	I13	Acknowledgment Requested	0	M	ID	1/1	
ISA15	I14	Test Indicator	P	M	ID	1/1	
ISA16	I15	Subelement Separator	>	M	AN	1/1	
		Element Separator	*				
		Segment Terminator	~				

GS Functional Group Header

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
GS01	479	Functional ID Code	SH	M	ID	2/2	Advance Shipment Notice
GS02	142	Application Sender's Code		M	AN	2/15	Assigned by Partner
GS03	124	Application Receiver's Code	014578892	M	AN	2/15	Rite Aid's DUNS Number
GS04	29	Group Date	CCYYMMDD	M	DT	8/8	Current date
GS05	30	Group Time	HHMM	M	TM	4/8	Current time
GS06	28	Group Control Number		M	N0	1/9	Sequential number
GS07	455	Responsible Agency Code	X	M	ID	1/2	
GS08	480	Version/Release Industry ID Code	004010	M	AN	1/12	

ST Transaction Set Header

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
ST01	143	Transaction Set ID Code	856	M	ID	3/3	Ship Notice / Manifest
ST02	329	Transaction Set Control Number		M	AN	4/9	Sequential number

BSN Beginning Segment for Ship Notice

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
BSN01	353	Transaction Set Purpose Code	00	M	ID	2/2	Original
BSN02	396	Shipment Identification		M	ID	2/30	Unique Shipment ID Number
BSN03	373	Date	CCYYMMDD	M	AN	8/8	ASN Create Date
BSN04	337	Time	HHMM	M	DT	4/8	ASN Create Time
BSN05	1005	Hierarchical Structure	0001 0002 0004	O	ID	4/4	Shipment, Order, Pack, Item Shipment, Order, Item, Pack Shipment, Order, Item

BSN*00*123456789*20061019*1957~

BSN*00*123456789*20061019*1957*0004~

- Date formats – All dates within the ASN use the format as specified in the Data Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric characters (“/” or “-”).

HL Hierarchical Level - Shipment

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
HL01	628	Hierarchical ID Number		M	AN	1/12	Sequential Number
HL03	735	Hierarchical Level Code	S	M	ID	1/2	Shipment Level

HL*1**S~

TD1 Carrier Details (Quantity and Weight)

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
TD101	103	Packing Code		M	AN	3/5	Any valid ANSI X12 Code
TD102	80	Lading Quantity		M	N0	1/7	Number of Pieces in Shipment
TD106	187	Weight Qualifier	G	M	ID	1/2	Gross Weight
TD107	81	Weight		M	R	1/10	Weight
TD108	355	Weight Unit of Measure	LB KG	M	ID	2/2	Pounds Kilograms

TD1*PLT*57****G*120*LB~

- Carrier Details (Quantity and Weight) – The TD01 is mandatory. All required fields must be present including the TD1 01 packing code.
- The TD1 07 'Weight' and TD1 08 'Weight Unit of Measure' must have a value of either LB or KG.

TD5 Carrier Details (Routing Sequence/Transit Time)

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
TD502	66	Qualifier Code	2	M	ID	1/2	SCAC Qualifier
TD503	67	ID Code		M	AN	2/80	Carrier's 'SCAC' Code
TD504	91	Transportation Method		M	ID	1/2	Any valid ANSI X12 Code
TD506	368	Shipment / Order Status Code		M ²	ID	2/2	See Table 1

TD5**2*RDWY*M**CC~

- Note 2: Status is required at one or more levels – TD506 in Shipment level, TD506 in Order level or SN108 in Item level.
When no status is present at a particular level, Rite Aid makes the following assumptions:
SHIPMENT STATUS – CC (Shipment Complete)
ORDER STATUS – PD (Purchase Order Complete)
ITEM STATUS – AC (Accepted and Shipped)
- Carrier Details – TD5 03 Carriers ID 'SCAC' code is required. Be sure that you are providing the four alpha-characters of the carrier. The customer pick up 'SCAC' code is RTAD.
- TD5 04 'Transportation Method Code' is also a required field. Be sure that you are providing the correct 'Transportation Method Code'.

TD3 Carrier Details (Equipment) – Optional

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
TD301	40	Equipment Description Code		M	ID	2/2	Any valid ANSI X12 Code
TD302	206	Equipment Initial		O	AN	1/4	Prefix of unit's identifying number
TD303	207	Equipment Number		M	AN	1/10	Unit's identifying number

TD3*AC*ZZ*12345~

REF Reference Numbers for Shipment – Bill of Lading Number

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
REF01	128	Reference Number Qualifier	BM	M	ID	2/3	Bill Of Lading Qualifier
REF02	127	Reference Number		M	AN	1/30	Bill Of Lading Number

REF*BM*X1234567890~

REF Reference Numbers for Shipment – Carrier Reference Number (PRO) – Optional

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
REF01	128	Reference Number Qualifier	CN	M	ID	2/3	Carrier Reference Number Qualifier
REF02	127	Reference Number		M	AN	1/30	Carrier Reference Number (PRO#)

REF*CN*Y0987654321~

- CARRIER'S PRO# (REF*CN) – this value is key in matching the vendor's ASN data to the carrier's shipment status data. This value MUST be the carrier's PRO# as it is sent in the 214 shipment status. If you are currently not capable of providing the PRO #, do not send this segment.

DTM Date/Time Reference for Shipment

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
DTM01	374	Date/Time Qualifier	011	M	ID	3/3	Shipped Date Qualifier
DTM02	373	Date	CCYYMMDD	M	DT	8/8	Shipped Date
DTM03	337	Time	HHMM	M	TM	4/8	Shipped Time

DTM*011*20061020*1530~

- SHIP DATE and TIME (DTM*011) – the shipment date and time are both mandatory fields. This information is used as a basis for determining if the ASN was received within 24 hours of the ship date and time. ASNs are expected and processed 7 days a week.
- Date formats – All dates within the ASN use the format as specified in the Data Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric characters ("/" or "-").

DTM Date/Time Reference for Delivery – Optional

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
DTM01	374	Date/Time Qualifier	067	M	ID	3/3	Scheduled Delivery Date Qualifier
DTM02	373	Date	CCYYMMDD	M	DT	8/8	Scheduled Delivery Date
DTM03	337	Time	HHMM	O	TM	4/8	Scheduled Delivery Time

DTM*011*20061020*1530~

- Date formats – All dates within the ASN use the format as specified in the Data Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric characters ("/" or "-").

N1 Name

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
N101	98	Entity Identifier Code	SF	M	ID	2/3	Ship From
N102	93	Name		M	AN	1/60	Location name of shipment origin

N1*Sf*VENDOR WAREHOUSE~

N4 Geographic Location

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
N401	19	City Name		M	AN	2/30	City of shipment origin
N402	156	State or Province		M	ID	2/2	State of shipment origin
N403	116	Postal Code		M	ID	3/9	Zip Code of shipment origin

N4*HARRISBURG*PA*12345~

HL Hierarchical Level – Order

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
HL01	628	Hierarchical ID Number		M	AN	1/12	Sequential Number
HL03	735	Hierarchical Level Code	O	M	ID	1/2	Order Level

HL*1**O~

PRF Purchase Order Reference

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
PRF01	324	Purchase Order Number		M	AN	7/7	Rite Aid's PO Number

PRF*1234567~

TD5 Carrier Details (Routing Sequence/Transit Time)

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
TD506	368	Shipment / Order Status Code		M ²	ID	2/2	See Table 1

TD5**2*RDWY*M**CC~

- Note 2: Status is required at one or more levels – TD506 in Shipment level, TD506 in Order level or SN108 in Item level.
When no status is present at a particular level, Rite Aid makes the following assumptions:
SHIPMENT STATUS – CC (Shipment Complete)
ORDER STATUS – PD (Purchase Order Complete)
ITEM STATUS – AC (Accepted and Shipped)

HL Hierarchical Level – Tare - *Optional*

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
HL01	628	Hierarchical ID Number		M	AN	1/12	Sequential Number
HL03	735	Hierarchical Level Code	T	M	ID	1/2	Tare Level

HL*1**T~

- Tare and Pack levels are optional now. However label scanning is expected to be implemented at a future date at which time Tare and Pack levels will be mandatory for label compliance.

MAN Markings and Numbers – Mandatory if Tare HL level is sent

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
MAN01	88	Marks and Numbers Qualifier	GM	M	ID	1/2	UCC-128 Shipping container code
MAN02	87	Marks and Numbers		M	AN	1/48	Corresponding number to MAN01

MAN*GM*0123456789~

HL Hierarchical Level – Pack - Optional

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
HL01	628	Hierarchical ID Number		M	AN	1/12	Sequential Number
HL03	735	Hierarchical Level Code	P	M	ID	1/2	Pack Level

HL*1**P~

- Tare and Pack levels are optional now. However label scanning is expected to be implemented at a future date at which time Tare and Pack levels will be mandatory for label compliance.

MAN Markings and Numbers – Mandatory if Pack HL level is sent

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
MAN01	88	Marks and Numbers Qualifier	GM	M	ID	1/2	UCC-128 Shipping container code
MAN02	87	Marks and Numbers		M	AN	1/48	Corresponding number to MAN01

MAN*GM*0123456789~

HL Hierarchical Level – Item

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
HL01	628	Hierarchical ID Number		M	AN	1/12	Sequential Number
HL03	735	Hierarchical Level Code	I	M	ID	1/2	Item Level

HL*1**I~

LIN Item Identification

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
LIN02	235	Product/Service ID Qualifier	IN	M ³	ID	2/2	Rite Aid's Item Number
LIN03	234	Product/Service ID		M ³	AN	7/7	Corresponding number to LIN02
LIN04	235	Product/Service ID Qualifier	UA	O	ID	2/2	UPC/EAN Case Code (2-5-5)
LIN05	234	Product/Service ID		O	AN	12/12	Corresponding number to LIN04
LIN06	235	Product/Service ID Qualifier	UI	O	ID	2/2	UPC CPC (1-5-5)
LIN07	234	Product/Service ID		O	AN	11/11	Corresponding number to LIN06
LIN08	235	Product/Service ID Qualifier	VN	O	ID	2/2	Vendor's MFI Number
LIN09	234	Product/Service ID		O	AN	1/48	Corresponding number to LIN08
LIN10	235	Product/Service ID Qualifier	ND	O	ID	2/2	NDC Number
LIN11	234	Product/Service ID		O	AN	1/48	Corresponding number to LIN10

LIN**IN*0123456~

LIN**IN*0123456*UI*12345678901~

LIN**IN*0123456*UA*123456789012~

LIN**UI*12345678901~

LIN**UA*123456789012~

LIN**VN*01020304~

- Note 3
 - LIN02 and LIN03 must not be null.
 - At least 1 of the above qualifier/ID combinations is mandatory.
 - The preferred qualifier/ID combination is 'IN' and the associated Rite Aid item number.
 - The qualifier/ID combination may appear in any order.
 - ID length specified corresponds to its preceding qualifier.
- RITE AID ITEM NUMBER USAGE – Rite Aid's item number is not required. The "IN" qualifier MUST be used ONLY in conjunction with Rite Aid's item number. Please follow X12 guidelines for correct qualifier use with UPC codes or vendor item numbers.
- Information regarding the **Sunrise 2005 GTIN (Global Trade Identification Number)** can be located at <http://www.riteaidediservices.com/B2B/SunriseLetter.doc>

SN1 Item Detail (Shipment)

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
SN102	382	Quantity Shipped		M	R	1/10	Number of units shipped
SN103	355	Unit of Measure	EA or CA	M	ID	2/2	Each or Case
SN104	646	Quantity Shipped to Date		O	R	1/15	Number of units shipped to date
SN105	330	Quantity Ordered		O	R	1/15	Quantity ordered
SN106	355	Unit of Measure	EA or CA	O	ID	2/2	Each or Case
SN108	668	Line Item Status Code		M ²	ID	2/2	See Tables 2a and 2b

SN1**13*CA*13*13*CA**AC~
 SN1**39*EA~

- Note 2: Status is required at one or more levels – TD506 in Shipment level, TD506 in Order level or SN108 in Item level.
 When no status is present at a particular level, Rite Aid makes the following assumptions:
 SHIPMENT STATUS – CC (Shipment Complete)
 ORDER STATUS – PD (Purchase Order Complete)
 ITEM STATUS – AC (Accepted and Shipped)
- UNIT OF MEASURE (SN1 03) – The shipping unit of measure (CA or EA) in this element should match the order unit of measure sent in the Rite Aid purchase order.

PO4 Item Physical Details

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
PO401	356	Pack		M	N0	1/6	Number of eaches per outer unit
PO402	357	Size		O	R	1/8	Size of supplier units in pack
PO403	355	Unit of Measurement		O	ID	2/2	Any valid ANSI X12 Code
PO414	810	Inner Pack		O	N0	1/6	Eaches per inner pack

EX1: one case of cola (12 oz cans; 4 6-packs): PO4*24*12*OZ*****6~
 EX2: one case of cigarettes (20 pc packs; 60 cartons of 10 packs): PO4*600*20*PC*****10~

PID Item Description

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
PID01	349	Description Type	F	M	ID	1/1	Free Form
PID05	352	Description		M	AN	1/80	Free Form Description

PID*F****ITEM DESCRIPTION~

DTM Date/Time Reference for Shipment

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
DTM01	374	Date/Time Qualifier	036	M ⁴	ID	3/3	Expiration
DTM02	373	Date	CCYYMMDD	M ⁴	DT	8/8	Expiration Date

DTM*036*20061214~

- Note 4: Mandatory if applicable to product.
- Date formats – All dates within the ASN use the format as specified in the Data Element Table 373 (CCYYMMDD). This format does not permit the use of non-numeric characters (“/” or “-“).

SE Transaction Set Trailer

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
SE01	96	Number of Included Segments		M	N0	1/10	
SE02	329	Transaction Set Control Number		M	AN	4/9	

GE Functional Group Trailer

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
GE01	97	Number of Included Sets		M	NO	1/6	
GE02	28	Group Control Number		M	NO	1/9	

IEA Functional Group Trailer

Ref	Ele ID	Description	Code or Qualifier	Rite Aid Attributes			Comments
IEA01	I16	Number of Included Groups		M	NO	1/5	
IEA02	I12	Interchange Control Number		M	NO	9/9	

Additional ASN Guidelines

- Rite Aid requires all distribution center shipments to be preceded by an ASN. Shipments received without an ASN are subject to offset fees as outlined in Rite Aid's Vendor Supply Chain Guide. (View the Vendor Supply Chain Guide on-line at http://www.riteaidediservices.com/SupplyChain/RiteAid_Vendor_Supply_Chain_Guide.pdf)
- The ASN must be received within 24 hours of the ship date and time as indicated in the ASN data.
- UCC-128 labeling is not required at this time. Rite Aid expects to address label requirements at a later date.
- Please refer to the 856 specifications that follow for mapping requirements.
- FAX-On-Demand (888) 796-3686 can provide mapping specifications and other information.
- Addition information is available at the Rite Aid EDI website: <http://www.riteaidediservices.com/>

Guidelines for Functional Acknowledgements

- Upon receipt of any EDI transaction, the receiving partner shall promptly and properly transmit a Functional Acknowledgement (ANSI ASC X12 997). Rite Aid expects that trading partners pick up from their electronic mailboxes on a daily basis and acknowledge by returning the Functional Acknowledgement within 24 hours of the time Rite Aid transmitted the original document. The receiving partner is expected to monitor and review all 997s for errors that may require attention.
- In regard to the ASN, Rite Aid expects all Functional Acknowledgements (997) to be monitored on a timely basis and to be advised if not received in a timely manner.

In advance, thank you for your time and attention.

Rite Aid
EDI/E-Commerce Dept
Email: edi@riteaid.com
Phone: 717-731-3815

**Table 1
Shipment/Order Status Code**

Code	Definition
CC	Shipment Complete
CP	Partial Shipment, No Backorder
PD	Purchase Order Complete
PR	Partial Shipment
SH	Shipped
SJ	Shipped as Indicated

**Table 2a
Line Item Status Code**

(The following codes should be used when item quantity shipped > 0.)

Code	Definition
AC	Accepted and Shipped
BP	Accepted, Partial, Balance Backordered

**Table 2b
Line Item Status Code**

(Use of the following codes should be limited to items with quantity shipped = 0.)

Code	Definition
IB	Item Backordered
IC	Item Accepted, Changes Made
ID	Item Deleted
IE	Item Accepted, Price Pending
IH	Item on Hold
IP	Item Accepted, Price Changed
IQ	Item Accepted, Quantity Changed
IR	Item Rejected
IS	Item Accepted, Substitution Made
IW	Item on Hold, Waiver Required
R2	Rejected, Invalid Item Product Number
R3	Rejected, Invalid Unit of Issue

- **NOTE: When no item status code is sent and the quantity shipped is greater than zero,**
 - **an item status code of “AC” or Accepted and Shipped is assumed.**

Sample 856 EDI Document

ISA*00* *00* *01*012345678 *01*014578892
*060405*1617*U*00401*000000001*0*P*~
GS*SH*012345678*014578892*20060405*1617*1*X*004010~
ST*856*000000001~
BSN*00*19570628BG*20060405*1617*0004~
HL*1**S~
TD1*PLT*3***G*120*LB~
TD5**2*UPSG*M**CC~
REF*BM*CRG19901214~
DTM*011*20060405*1716~
N1*SF*VENDOR WAREHOUSE~
N4*ELLIOTTSBURG*PA*17024~
HL*2**O~
PRF*3234567~
HL*3**I~
LIN**IN*1234567*UI*12345678901~
SN1*60*CA~
P04*12~
PID*F***ITEM DESCRIPTION 1~
HL*4**I~
LIN**IN*7654321*UI*10987654321~
SN1*20*CA~
PO4*24*12*OZ*****6~
PID*F***ITEM DESCRIPTION 2~
DTM*036*20061231~
SE*23*000000001~
GE*1*1~
IEA*1*000000001~