

**ACE HARDWARE
852 PRODUCT ACTIVITY DATA
ANSI X12 4010**

*NOTES: FREQUENCY OF THE 852 CAN BE DAILY, WEEKLY OR MONTHLY. THIS IS REFLECTED IN THE ZA01 "QX" (QUANTITY DEMANDED) WHICH IS ALSO DAILY, WEEKLY OR MONTHLY DEPENDING ON YOUR AGREEMENT WITH THE ACE BUYING DEPT.

ISA SEGMENT INTERCHANGE CONTROL HEADER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-----------------------------------|----------|-----------|----------------|--|
| ISA01 | I01 | AUTHORIZATION INFO QUALIFIER | M | ID | 02/02 | "00". |
| ISA02 | I02 | AUTHORIZATION INFORMATION | M | AN | 10/10 | STANDARD FOLLOWED. |
| ISA03 | I03 | SECURITY INFO QUALIFIER | M | ID | 02/02 | "00". |
| ISA04 | I04 | SECURITY INFORMATION | M | AN | 10/10 | STANDARD FOLLOWED. |
| ISA05 | I05 | INTERCHANGE SENDER ID QUALIFIER | M | ID | 02/02 | ACE AS SENDER: ACE EDI QUALIFIER WILL BE "01". |
| ISA06 | I06 | INTERCHANGE SENDER ID | M | ID | 15/15 | ACE AS SENDER: ACE EDI ID WILL BE "006928311". |
| ISA07 | I05 | INTERCHANGE RECEIVER ID QUALIFIER | M | ID | 02/02 | YOUR EDI ID QUALIFIER. |
| ISA08 | I07 | INTERCHANGE RECEIVER ID | M | ID | 15/15 | YOUR EDI ID (IE. DUNS #). |
| ISA09 | I08 | TRANSMISSION DATE | M | DT | 06/06 | YYMMDD. |
| ISA10 | I09 | TRANSMISSION TIME | M | TM | 04/04 | HHMM. |
| ISA11 | I10 | INTERCHANGE CONTROL ID | M | ID | 01/01 | "U". |
| ISA12 | I11 | INTERCHANGE VERSION NUMBER | M | ID | 05/05 | "00400". |
| ISA13 | I12 | INTERCHANGE CONTROL NUMBER | M | N0 | 09/09 | 9 DIGIT CONTROL NUMBER. |
| ISA14 | I13 | ACKNOWLEDGEMENT REQUEST FLAG | M | ID | 01/01 | "0". |
| ISA15 | I14 | TEST INDICATOR | M | ID | 01/01 | "T" = TEST. "P" = PRODUCTION. |
| ISA16 | I15 | SUBELEMENT SEPARATOR | M | AN | 01/01 | HEX VALUE = 6A (;). |

GS SEGMENTFUNCTIONAL GROUP HEADER
(X12 MANDATORY ENVELOPE)

OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|--------------------------------|----------|-----------|----------------|---|
| GS01 | 479 | FUNCTIONAL ID | M | ID | 02/02 | "PD" FOR PRODUCT ACTIVITY. |
| GS02 | 142 | GROUP/APPLICATION SENDER ID | M | ID | 02/15 | ACE AS SENDER: ACE EDI ID - "006928311". |
| GS03 | 124 | GROUP/APPLICATION RECEIVER ID | M | ID | 02/15 | YOUR EDI ID (USUALLY YOUR DUNS #). |
| GS04 | 29 | APPLICATION GROUP DATE | M | DT | 08/08 | CCYYMMDD. |
| GS05 | 30 | APPLICATION GROUP TIME | M | TM | 04/0 | HHMM OR HHMMSS OR HHMMSSDD. |
| GS06 | 28 | APPLICATION GROUP CONTROL NUMB | M | N0 | 01/09 | FOLLOW STANDARD. |
| GS07 | 455 | RESPONSIBLE AGENCY CODE | M | ID | 01/02 | USE "X" FOR ANSI X12. |
| GS08 | 480 | VERSION/RELEASE INDUSTRY CODE | M | ID | 01/12 | "004010". |

ST SEGMENTTRANSACTION SET HEADER
(X12 MANDATORY ENVELOPE)

OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-----------------------------|----------|-----------|----------------|---------------------------------|
| ST01 | 143 | TRANSACTION SET ID | M | ID | 03/03 | "852" FOR X12 PRODUCT ACTIVITY. |
| ST02 | 329 | TRANSACTION SET CONTROL NO. | M | AN | 04/09 | STANDARD FOLLOWED. |

XQ SEGMENT

REPORTING DATE/ACTION

OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|---------------------------|----------|-----------|----------------|---|
| XQ01 | 305 | TRANSACTION HANDLING CODE | M | ID | 01/02 | "G" = ORDER/SHIP AUTHORIZATION. "H" = NOTIFICATION ONLY. |
| XQ02 | 373 | DATE | M | DT | 08/08 | STOCK STATUS AS OF DATE OF TRANSACTION CREATION. |

N1 SEGMENT

NAME

N1 LOOP (LOOP CAN REPEAT)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-------------------|----------|-----------|----------------|---|
| N101 | 98 | ENTITY IDENTIFIER | M | ID | 02/03 | "RL" = REPORTING LOCATION. |
| N102 | 93 | NAME | X | AN | 01/60 | "ACE HARDWARE CORPORATION". |
| N103 | 66 | ID QUALIFIER CODE | X | ID | 01/02 | "9" FOR THE ACE RSC LOCATION ID. |
| N104 | 67 | ID CODE | X | ID | 02/80 | ACE RETAIL SUPPORT CENTER (RSC) LOCATION ID. THE ID IS THE ACE DUNS NO. + THE 4 DIGIT RSC CODE. LOCATION ID'S CAN BE FOUND ON PAGE 3-2 OF THIS GUIDE. |

LIN SEGMENT

ITEM IDENTIFICATION

LIN LOOP (LOOP CAN REPEAT)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|---------------------|----------|-----------|----------------|----------------------------------|
| LIN02 | 235 | PROD/SERV QUALIFIER | M | ID | 02/02 | "IN" = BUYERS ITEM NUMBER. |
| LIN03 | 234 | PROD/SERV ID | M | AN | 01/48 | ACE SKU NUMBER. |
| *LIN04 | 235 | PROD/SERV QUALIFIER | X | ID | 02/02 | "UK". |
| LIN05 | 234 | PROD/SERV ID | X | AN | 01/48 | UPC / EAN NUMBER. |
| LIN06 | 235 | PROD/SERV QUALIFIER | X | ID | 02/02 | "VN" = VENDORS ITEM NUMBER. |
| LIN07 | 234 | PROD/SERV ID | X | AN | 01/48 | VENDOR OR MANUFACTURER'S NUMBER. |

CTP SEGMENT

PRICING INFORMATION

ACE WILL SEND 1 PER LIN LOOP

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|-------------------|----------|-----------|----------------|-----------------------------|
| CTP03 | 212 | UNIT PRICE | X | R | 01/17 | EACH COST. |
| CTP04 | 380 | QUANTITY | X | R | 01/15 | "0" |
| CTP05 | 355 | UNIT OF MEASURE | X | ID | 02/02 | "EA" = EACHES. |

ZA SEGMENT

PRODUCT ACTIVITY REPORTING

ACE WILL SEND MULTIPLE TIMES PER LIN

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|----------------------|----------|-----------|----------------|--|
| ZA01 | 859 | ACTIVITY CODE | M | ID | 02/02 | "QA" = QUANTITY ON HAND. "QP" = QUANTITY ON ORDER. "QX" = QUANTITY DEMANDED. |
| ZA02 | 380 | QUANTITY | X | R | 01/10 | QUANTITY. |
| ZA03 | 355 | UNIT OF MEASURE CODE | X | ID | 02/02 | STANDARD FOLLOWED. |

*NOTE: "QX" QUANTITY DEMANDED = (QUANTITY SOLD + QUANTITY SHORT).

CTT SEGMENT

TRANSACTION TOTALS

OCCURS 1 TIME

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE REQUESTED FIELD CONTENTS |
|--------------|----------------|----------------------|----------|-----------|----------------|------------------------------|
| CTT01 | 354 | NUMBER OF LINE ITEMS | M | N0 | 01/06 | TOTAL # OF LINES REPORTED. |

SE SEGMENT TRANSACTION SET TRAILER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|----------------------------------|----------|-----------|----------------|-----------------------------|
| SE01 | 96 | NO. OF INCLUDED TRANSACTION SETS | M | N0 | 01/06 | STANDARD FOLLOWED. |
| SE02 | 329 | TRANSACTION SET CONTROL NO. | M | AN | 04/09 | STANDARD FOLLOWED. |

GE SEGMENT FUNCTIONAL GROUP TRAILER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|----------------------------------|----------|-----------|----------------|-----------------------------|
| GE01 | 97 | NO. OF INCLUDED TRANSACTION SETS | M | N0 | 01/06 | STANDARD FOLLOWED. |
| GE02 | 28 | GROUP CONTROL NUMBER | M | N0 | 01/09 | STANDARD FOLLOWED. |

IEA SEGMENT INTERCHANGE CONTROL TRAILER OCCURS 1 TIME
(X12 MANDATORY ENVELOPE)

| DATA ELEMENT | ELEMENT NUMBER | DATA ELEMENT NAME | ANSI REQ | DATA TYPE | ELEMENT LENGTH | ACE SUPPLIED FIELD CONTENTS |
|--------------|----------------|----------------------------|----------|-----------|----------------|-----------------------------|
| IEA01 | 116 | NUMBER OF INCLUDED GROUPS | M | N0 | 01/05 | STANDARD FOLLOWED. |
| IEA02 | 112 | INTERCHANGE CONTROL NUMBER | M | N0 | 09/09 | STANDARD FOLLOWED. |