Master Data Exchange Quick Reference

For Syncing US Products to Product Information Manager (Master Data Share)

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tracelink | Help

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Fields

Product Master Data

The following tables list the fields in Product Master Data for syncing product information for all US Target Markets to Product Information Manager to support the US DSCSA Saleable Returns requirements. Some fields stated here as required do not display the red asterisk in the UI but are required for syncing to Product Information Manager.

Product Information Fields

Field	Description	Values
Data Status	Whether the product data is active within TraceLink. **CSV Element Header:** `DataStatus` ⚠ Required for all countries.	• Active – The data can be used in messages and UI functions, and TraceLink pulls the data when necessary. • Inactive – The data cannot be pulled for other functions within TraceLink. ⚠ Must be Active to sync the product entry to Product Information Manager.
Item Status	The product's commercial status. **CSV Element Header:** `ItemStatus` ⚠ Required for all countries.	• Released – The company approved the product for commercial release. • Alternate items available – The company has alternate items that can take the place of this product. • Phase out – The company phased out this product from production and sale. • Items no longer stocked – The company does not currently stock this product. • Withdrawn – The company removed this product from the market. ⚠ When the product has an **Export From Country** of India, the only **Item Status** options are Released, Items no longer stocked, and Withdrawn.

Field	Description	Values
		⚠ Must be Released to sync the product entry to Product Information Manager.

Item Code Fields

Field	Description	Values
Item Code Type	The unique item code that identifies this product. Products require an item code for every target market. Each item code type can only be used once for each product, except for Internal Material Number. ⚠ At least one Item Code required for all countries. **CSV Element Header:** `ItemCodeType`	For more information, see Identifier and Item Code Types in the *Master Data Exchange Online Help*. ⚠ Must include: • At least one NDC-442, NDC-532, NDC-541, or NDC-542 if the Owner needs to sync the product entry to Product Information Manager.
Item Code Value	The value of the **Item Code Type**. The value must be unique within the **Item Code Type**, and special characters (e.g. -, ., /. \) are removed from this value. **CSV Element Header:** `ItemCodeValue`	For more information, see Identifier and Item Code Types in the *Master Data Exchange Online Help*.
Primary Item Code	The radio button indicates the primary item code used by this company. TraceLink uses the primary item code to identify the correct product when the user updates the product master data by importing a CSV file or with an asynchronous message. **CSV Element Header:** `ItemCodePrimary` ⚠ The first Item Code in the CSV must be the **Primary Item Code**.	n/a

Target Markets Fields

Field Name	Description	Values
Country Market Code	Two-letter ISO 3166-1alpha-2:1997 Country Code of the Target Market's country. ⚠ Required for all countries. **CSV Element Header:** `CountryMarket`	⚠ Must include a target market that is also defined for syncing on the Product Information Manager Data Rules screen in Management to sync the product entry to Product Information Manager.
Product Type	Type of product. Traceability regulations differ depending on the product type (e.g. over-the-counter drugs do not fall under DSCSA regulations in the US). For informational purposes only, not compliance reporting. **CSV Element Header:** `CountryMarketProductType`	• Bulk Pharmaceutical – A product that is the main active ingredient in one or more pharmaceutical formulas (e.g. antibiotics). • Derivative Product – A product derived from another chemical compound. • Food Supplement – A medicine available over the counter that is used for health and nutritional benefits. • Medical Device – A device developed and used for a medical purpose. • Nutritional Product – A specific class of over-the-counter product use for health and nutrition benefit. • OTC Drug – A medicine available over the counter. • Prescription Drug – A medicine available by prescription only.
Traceability Required	Indicates whether the product legally needs to be traced through the pharmaceutical supply chain. **CSV Element Header:** `CountryMarketTraceabilityRequired`	• Not Required – The product is exempt from tracking. • Required – The product requires tracking.
Product Origin	How the company acquires the product. Regulatory laws require different data for sales transactions depending on whether a company is the product originator, has purchased directly from the product originator, or has purchased from an intermediary. **CSV Element Header:** `CountryMarketProductOrigin`	• Direct Purchase from Exclusive Distributor – The company purchased the product from the sole distributor of the product. • Direct Purchase from Manufacturer – The company purchased the product from the manufacturer. • Direct Purchase from Repackager – The company purchased the product from a repackager. • Indirect Purchase – The company purchased the product from a wholesale distributor.

Field Name	Description	Values
		• Originator (Exclusive Distributor) – The company, as a wholesale distributor, directly purchased the product from the manufacturer and serves as the sole distributor of the product. This option only applies if the **Country Market Code** is United States. • Originator (Manufacturer) – The company manufactures the product.
MAH ID	The company or location identifier of the MAH, which must exist in Company or Partner Master Data. Required if MAH is selected in the **Manufactured By** field. **CSV Element Header:** `CountryMarketMAHId` and `CountryMarketMAHIDType`	For more information, see Identifier and Item Code Types in the *Master Data Exchange Online Help*. ⚠ Must be a GLN and the identifier must exist in Company Master Data to sync the product entry to Product Information Manager.

Item Information Fields

Field	Description	Values
Language Code	Language for the item information. ⓘ Must include: • English for US. Only one English item information can be defined if the product entry must be synced to Product Information Manager. ⚠ Required for all countries. **CSV Element Header:** `ItemInfoLanguageCode`	n/a
Product Description	Typically includes the product name, dosage, form, and the number of doses.	n/a

Field	Description	Values
	⚠ Required for all countries. **CSV Element Header:** `ItemInfoProductDescription`	
Product Name	The name of the product. ⚠ Required for all countries. **CSV Element Header:** `ItemInfoDrugName`	n/a
Generic Name	The chemical or non-proprietary name of the product. **CSV Element Header:** `ItemInfoGenericName`	n/a
Manufacturer	The name of the manufacturer or re-packager as it appears on the product label. ⚠ Required for all countries. **CSV Element Header:** `ItemInfoManufacturer`	n/a
Strength	The strength of the product (e.g. 100 mg). **CSV Element Header:** `ItemInfoStrength`	n/a
Dosage Form	The form the product is dispensed in (e.g. tablet or pill). ⚠ Required if: • US [United States] is a Target Market, the **Language Code** is English, and the **Product Type** is not Medical Device, OTC Drug, Nutritional Product, or Derivative Product. • The Owner needs to sync the product entry to Product Information Manager.	n/a

Field	Description	Values
	CSV Element Header: `ItemInfoDosageForm`	
Package Size / Spec	The number of individual doses in the pack. **CSV Element Header:** `ItemInfoPackageSize`	n/a

Packaging Information Fields

ⓘ Only serialized functions require **Packaging Information** fields, not lot-level.

Field	Description	Values
Packaging Code Type	The serial numbers for the product are generated according to the packaging code type. If necessary, define a packaging code for each packaging unit of measure that needs to be tracked. ⚠ Required if any other **Packaging Information** fields are entered. **CSV Element Header:** `PackagingCodeType`	• CN-ResCode – This packaging code type is specific to China (must be 5 digits). • GTIN-14 – (Global Trade Item Number) This packaging code type is accepted in any country (must be 14 digits). • NTIN – (National Trade Item Number) This packaging code type is specific to a single country (must be 14 digits). ⚠ Must be: • GTIN-14 to sync the product entry to Product Information Manager.
Packaging Code	The unique value for the **Packaging Code Type**. See **Packaging Code Type** above for the field requirements. If the **Packaging Code Type** is CN-ResCode, fill out **Rescode** instead of **Packaging Code**. ⚠ Required if a **Packaging Code Type** is selected. **CSV Element Header:** `PackagingCode`	n/a

Field	Description	Values
Packaging UOM	(Packaging Unit of Measure) Determines the level of the packaging hierarchy for this packaging code. If multiple packaging codes are defined, serial numbers can be generated for each level of the packaging hierarchy. ⚠ Required if a **Packaging Code Type** is selected. **CSV Element Header:** `PackagingUOM`	• Primary – The level of packaging that physically touches the product, i.e. blister packs (not available for CN-ResCodes). • Each – The smallest salable unit of the product. • Inner Pack/Bundle – A grouping of eaches. • Case/Shipper – A grouping of inner packs/bundles or a grouping of eaches if the packaging hierarchy does not include inner packs/bundles. • Pallet – The level of packaging with cases grouped together on a pallet (not available for CN-ResCodes). • None – Available only for CN-Rescodes. ⚠ Must be: • Each if the Owner needs to sync the product entry to Product Information Manager. Only one **Packaging Code** for each **Packaging UOM** can be defined. If more than one packaging code is defined for the same packaging UOM, TraceLink does not sync the product entry to Product Information Manager. TraceLink also does not sync Primary packaging codes.
Container Aggregation Quantity	Number of children contained in this level of shipment. E.g. for a Case, the **Container Aggregation Quantity** would list the number of Inner Packs contained in each Case. TraceLink only uses this field for compliance reporting purposes, not validation during aggregation. ⚠ Required if: • The **Packaging UOM** is Each and the Owner needs to sync the product entry to Product Information Manager. **CSV Element Header:** `PackagingContainerAggregationQty`	⚠ Must be 0 for eaches if the Owner needs to sync the product entry to Product Information Manager. TraceLink also syncs other packaging UOMs that have a **Container Aggregation Quantity** set, as long as an each is defined with a **Container Aggregation Quantity** of 0.

Field	Description	Values
GS1 Company Prefix	Prefix included in the packaging code, assigned by the GS1 organization, must be a numeric value 4 to 6 characters long. ⚠ Required if the **Packaging Code Type** is GTIN-14. **CSV Element Header:** `PackagingGS1CompanyPrefix`	⚠ Must be a numeric value 4 to 6 characters long to sync the product entry to Product Information Manager.
Data Status	Whether the packaging information data is active or inactive within TraceLink. ⚠ Required if a **Packaging Code Type** is selected. **CSV Element Header:** `PackagingDataStatus`	• Active – The data can be used in messages and UI functions, and TraceLink pulls the data when necessary. • Inactive – The data cannot be pulled for other functions within TraceLink.