



H-E-B
Data Synchronization Detailed Attribute Guide

Version #1



Data Synchronization Implementation Guide

REVISION HISTORY

Date	Ver #	Description of Change	Author
06/05/2017	1	This is a detailed attribute guide – providing details into the needs for Hazardous Data on products.	A. Heller



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1 H-E-B'S DATA SYNCHRONIZATION INFORMATION

1.1 Primary Data Synchronization Contacts

H-E-B Business Team
Email: gdsndatasync@heb.com

H-E-B IT Data Support Team: Electronic Data Integrations
Email: edisupport@heb.com

1.2 H-E-B's GLN - Publish To

Production GLN: 0041220000005



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2 STEPS TO BEGIN SYNCING YOUR DATA WITH H-E-B

1. Have your accurate item data loaded into your home data pool and ensure it is ready for publication.
 - a. Contact your data pool for any education you might require to complete this step.
2. Review attribute requirements in Section 4 of this document to ensure you can meet H-E-B's requirements.
3. Complete the required information in the H-E-B Trading Partner Form located on the www.1worldsync.com/HEB/.
4. Publish all items sold in North America (Canada, United States and Mexico) to H-E-B in Production
 - a. H-E-B is controlling its subscription process by subscribing by supplier GLN, starting with the pilot suppliers.
 - b. H-E-B prefers an Initial data load from their participating Suppliers.
 - c. H-E-B will accept all categories of data from suppliers.
 - d. H-E-B Brand items (Central Market, H-E-B, H-E-Buddy, Hill Country Fare, Economax, etc.) are exempt from this initiative and do not need to be published at this time. Note: To find out if your item(s) is exempt from this initiative, please contact gdsndatasync@heb.com.
5. H-E-B will provide feedback on publications using Catalogue Item Confirmation (CIC) responses. Please note that H-E-B is currently only sending **RECEIVED** CICs. As H-E-B continues to enhance our NIS, we will begin to send CIC Messages of **SYNCHRONIZED** and **REVIEW**, along with any comments needed in the REVIEW.
6. Continue to send changes and corrections for all items via the GDSN and your certified data pool.



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3 NEW ITEM PROCESS

The existing CPS process is still in place, H-E-B wants Suppliers to first synch items with GDSN as New to H-E-B Production GLN: 0041220000005. Then finish using CPS.

H-E-B reviews and approves item setup.

H-E-B will provide feedback on publications using Catalogue Item Confirmation (CIC) responses. Please note that H-E-B is currently only sending **RECEIVED** CICs. As H-E-B continues to enhance our NIS, we will begin to send CIC Messages of **SYNCHRONIZED** and **REVIEW**, along with any comments needed in the REVIEW.

Continue to submit all modifications/corrections for specified attributes through GDSN.



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4 ATTRIBUTE REQUIREMENTS FOR H-E-B

H-E-B will take in and store all data attribute elements a supplier sends. H-E-B recommends and encourages all suppliers to gather accurate, full item attribute information that is relevant to the specific product category. For example, providing nutritional, ingredient and allergen information on food products; providing audio and visual information on electronics and appliances, etc...

Note:

1. Effectively April 2017, H-E-B requires detailed hazardous attributes on products, where applicable.
2. H-E-B has listed specific required attributes for [Audio/Visual/Photography](#).

In addition to the below charts outlining the current attribute requirements for H-E-B , please review the [H-E-B GPC Specific Attribute Requirements](#) document. This document will outline the attributes that are further required when using the GPC Brick.

Current attribute requirements for H-E-B:

GDSN Attribute Name	H-E-B Attribute Name	1WorldSync Attribute Name	Required on what level of the hierarchy
gtin	GTIN	GTIN	All
globalClassificationCategoryCode	GPC Brick	Global Classification Category Code	All
brand	Brand	Brand Name	All
manufacturer	Manufacturer GLN	Manufacturer GLN (Manufacturer Name defaulted in IM)	All
descriptionShort	Short Description	Short Description / POS Desc. 1	All
functionalName	Functional Name	Functional Name	All
tradeItemDescription	Product Description	Product Description	All
grossWeight/uom	Weight/uom	Gross Weight/UOM	All
depth/uom	Depth/uom	Depth/UOM	All
width/uom	Width/uom	Width/UOM	All
height/uom	Height/uom	Height/UOM	All
netContent/uom	Net Content/uom	Net Content/UOM	Base Consumer
packagingMaterialTypeCode	packagingMaterialTypeCode	Packaging Material Type Code	Base Consumer
distributionMethodCode	distributionMethodCode	Distribution Method Code	Base Consumer
quantityOfTradeItemsContainedinaCompleteLayer/GTINPalletTI	quantityOfTradeItemsContainedInACompleteLayer/GTIN Pallet TI	Number of Items in a Complete Layer	Base Consumer
additionalTradeItemDescription	Additional Description	Additional Description	Base Consumer
subBrand	Sub Brand	Sub Brand	Base Consumer



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GDSN Attribute Name	H-E-B Attribute Name	1WorldSync Attribute Name	Required on what level of the hierarchy
isTradeItemAVariableUnit	Random Weight Item	Variable Weight Trade Item	Base Consumer
colorCodeValue	Color	Color	Base Consumer
colorCodeListAgency	Color Code Maintenance Agency	Color Code Maintenance Agency	Base Consumer
colorDescription	Product Color Description	Product Color Description	Base Consumer
tradeItemCountryOfOrigin	Country of Origin	Country of Origin	Base Consumer
tradeItemFeatureBenefit	Feature Benefit	Feature Benefit	Base Consumer
tradeItemMarketingMessage	Marketing Message	Marketing Message	Base Consumer
targetConsumerGender	Target Consumer Gender	Target Consumer Gender	Base Consumer
targetConsumerAge	Target Consumer Age	Target Consumer Age	Base Consumer
tradeItemFormDescription	Product Form	Product Form	Base Consumer
areBatteriesBuiltIn	Are Batteries Built In?	Are Batteries Built In?	Base Consumer
isAssemblyRequired	Assembly Required	Is Assembly Required?	Base Consumer
materialSafetyDataSheetNumber	Material Safety Data Sheet Number	Material Safety Data Sheet Number	Base Consumer
uniformResourceIdentifier	*Images: Uniform Resource Identifier	Uniform Resource Identifier	Base Consumer
typeOfInformation	*Images: Type Of Information	Type Of Information	Base Consumer
fileFormatName	*Images: File Format Name	File Format Name	Base Consumer
fileName	*Images: Link File Name	Link File Name	Base Consumer

*H-E-B's Image requirements can be found on the www.1worldsync.com/HEB/ or by clicking [here](#).



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H-E-B's Food and Beverage Categories Nutritional Information requirements:

GDSN Attribute Name	H-E-B Attribute Name	1WorldSync Attribute Name	Required on what level of the hierarchy
nutritionLabelTypeCode	Nutrition Label Type Code	Nutrition Label Type Code	Base Consumer
nutrientTypeCode	Nutrient Type Code	Nutrient Type Code	Base Consumer
preparationState	Preparation State	Preparation State	Base Consumer
percentageOfDailyValueIntake	Percentage Of Daily Value Intake	Percentage Of Daily Value Intake	Base Consumer
numberOfServingsPerPackage	Number Of Servings Per Package	Number Of Servings Per Package	Base Consumer
levelOfContainment	Level Of Containment	Level Of Containment	Base Consumer
allergenTypeCode	Allergen Type Code	Allergen Type Code	Base Consumer
allergenSpecificationAgency	Allergen Specification Agency	Allergen Specification Agency	Base Consumer
allergenSpecificationName	Allergen Specification Name	Allergen Specification Name	Base Consumer
allergenStatement	Allergen Statement	Allergen Statement	Base Consumer
dietTypeCode	Diet Type Code	Diet Type Code	Base Consumer
dietCertificationNumber	Diet Certification Number	Diet Certification Number	Base Consumer
dietTypeSubcode	Diet Type Subcode	Diet Type Subcode	Base Consumer
dietCertificationAgency	Diet Certification Agency	Diet Certification Agency	Base Consumer
fishCatchZone	Fish Catch Zone	Fish Catch Zone	Base Consumer
ingredientSequence	Ingredient Sequence	Ingredient Sequence	Base Consumer
ingredientName	Ingredient Name	Ingredient Name	Base Consumer
ingredientsStatement	Ingredients List	Ingredients List	Base Consumer
growingMethodCode	Growing Method Code	Growing Method Code	Base Consumer
contentPercentage	Content Percentage	Content Percentage	Base Consumer
nutritionalProgramCode	Nutritional Program Code	Nutritional Program Code	Base Consumer
geneticallyModifiedDeclarationCode	Genetically Modified Declaration Code	Genetically Modified Declaration Code	Base Consumer



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GDSN Attribute Name	H-E-B Attribute Name	1WorldSync Attribute Name	Required on what level of the hierarchy
nutritionalClaim	Nutritional Claim Code	Nutritional Claim	Base Consumer
servingSuggestion	Serving Suggestion	Serving Suggestion	Base Consumer
servingSize	Serving Size	Serving Size	Base Consumer
numberOfServingsPerPackage	Number Of Servings Per Package	Number Of Servings Per Package	Base Consumer
householdServingSize	Household Serving Size	Household Serving Size	Base Consumer
productYieldVariation	Product Yield Variation	Product Yield Variation	Base Consumer
productYieldTypeCode	Product Yield Type Code	Product Yield Type Code	Base Consumer
productYield	Product Yield	Product Yield	
healthClaim	Health Claims	Health Claims	Base Consumer
fatInMilkContent	Fat In Milk Content	Fat In Milk Content	Base Consumer
compulsoryAdditivesLabelInformation	Compulsory Additives Label Information	Compulsory Additives Label Information	Base Consumer
dailyValueIntakeReference	Daily Value Intake Reference	Daily Value Intake Reference	Base Consumer
precautions	Precautions	Precautions	Base Consumer
preparationInstructions	Preparation Instructions	Preparation Instructions	Base Consumer
certificationEffectiveStartDate	Certification Start Date	Certification Effective Start Date	Base Consumer
certificationStandard	Certification Standard	Certification Standard	Base Consumer
certificationAgency	Certification Agency	Certification Agency	Base Consumer
certificationEffectiveEndDate	Certification End Date	Certification Effective End Date	Base Consumer



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Effectively April 2017, H-E-B requires detailed hazardous attributes on products, where applicable.

H-E-B's Hazardous Products Information requirements:

GDSN Attribute Name	H-E-B Attribute Name	1WorldSync Attribute Name	Required on what level of the hierarchy
consumerInstructions/consumerUsageInstructions	Consumer Use	Consumer Usage Instructions	Base Consumer
dangerousSubstanceProperties/dangerousSubstanceName	Dangerous Substance Nm	Dangerous Substance Tab	Base Consumer
dangerousHazardousLabel/dangerousHazardousLabelSequenceNumber	Dangerous Label Sequence Nbr	Dangerous Hazardous Label Sequence Number	Base Consumer
chemicalIngredient/chemicalIngredientName	Chemical Ingredient Nm	Chemical Ingredient Name	Base Consumer
chemicalIngredient/chemicalIngredientConcentration	Chemical Ingredient Concentration	Chemical Ingredient Concentration	Base Consumer
chemicalIngredient/hemicalIngredientIdentification	Chemical Ingredient Identification	Chemical Ingredient Identification	Base Consumer
chemicalInformation/chemicalIngredientOrganisation	Chemical Ingredient Organization	Chemical Ingredient Organization	Base Consumer
fireFightingInstructions/extinguishingMediaDescription	Extinguishing Media	Extinguishing Media Description	Base Consumer
protectiveEquipment/protectiveEquipment	Protective Equipment	Protective Equipment Description	Base Consumer
protectiveEquipment/protectiveEquipmentAdditionalDescription	Protective Equipment Additional Desc	Protective Equipment Additional Description	Base Consumer
protectiveEquipment/protectiveEquipmentBodyAreaCode	Protective Equipment Body Area	Protective Equipment Body Area Code	Base Consumer
safetyDataSheetInformation/storageRequirementsDescription	Storage Requirements Desc	Storage Requirements Description	Base Consumer
avpList/storageEnvironmentAtmosphericPressureMaximum	Storage Environment Atmosphere Max	Storage Environment Atmospheric - Pressure Max	Base Consumer
avpList/storageEnvironmentAtmosphericPressureMinimum	Storage Environment Atmosphere Min	Storage Environment Atmospheric - Pressure Min	Base Consumer
avpList/transportationEnvironmentAtmosphericPressureMaximum	Transport Environment Atmosphere Max	Transportation Environment Atmospheric - Pressure Max	Base Consumer
avpList/transportationEnvironmentAtmosphericPressureMinimum	Transport Environment Atmosphere Min	Transportation Environment Atmospheric - Pressure Min	Base Consumer
N/A as of 04/2017	Transport Max Qty	Transportation Maximum Quantity	Base Consumer
tradeItemHumidityInformation/maximumHumidityPercentage	Max Humidity Percentage	Maximum Humidity Percentage	Base Consumer



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tradeItemHumidityInformation/minimumHumidityPercentage	Min Humidity Percentage	Minimum Humidity Percentage	Base Consumer
tradeItemTemperatureInformation/maximumTemperature	Max Temperature	Maximum Temperature	Base Consumer
tradeItemTemperatureInformation/minimumTemperature	Min Temperature	Minimum Temperature	Base Consumer
tradeitemHandlingInformation/handlingInstructionsDescription	Handling Instructions	Handling Instructions Descriptions	Base Consumer
safetyDataSheetInformation/accidentalReleaseMeasuresDescription	Accidental Release Measures	Accidental Release Measures Description	Base Consumer
chemicalProperty/chemicalPropertyAdditionalDescription	Chemical Properties Additional Desc	Chemical Property Additional Description	Base Consumer
regulatedChemical/regulatedChemicalIdentifierCodeReference	Chemical Identifier Agency Nm	Chemical Identifier Agency Name	Base Consumer
chemicalIngredientPropertyInformation/chemicalPropertyTypeCode	Chemical Property Type Cd	Chemical Property Type Code	Base Consumer
chemicalRegulation/chemicalRegulationName	Chemical Regulation Name	Chemical Regulation Name	Base Consumer
chemicalRegulationInformation/chemicalRegulationAgency	Chemical Regulation Agency	Chemical Regulation Agency	Base Consumer
regulatedChemical/regulatedChemicalIdentifierCodeReference	Regulated Chemical Cd	Chemical Identifier Code	Base Consumer
regulatedChemical/regulatedChemicalName	Regulated Chemical Nm	Regulated Chemical Name	Base Consumer
flashPoint/flashPointTemperature	Flash Point Temp	Flash Point Temperature	Base Consumer
flashPoint/flashPointTestMethodCode	Flash Point Test Method	Flash Point Test Method Code	Base Consumer
pHInformation/exactPH	Exact PH	Exact PH	Base Consumer
safetyDataSheetInformation/volatileOrganicCompound	VOC Compound	Volatile Organic Compound	Base Consumer
safetyDataSheetInformation/volatileOrganicCompoundBasis	VOC Compound Basis	Volatile Organic Compound Basis	Base Consumer
safetyDataSheetInformation/volatileOrganicCompoundPercentage	VOC Compound Percentage	Volatile Organic Compound Percentage	Base Consumer
precautionaryStatement/precautionaryStatementsCode	Precaution Statement Cd	Precautionary Statement Code	Base Consumer
safetyDataSheetInformation/hazardousMaterialsHandlingProcedures	HazMat Handling Procedure	Hazardous Material Handling Procedure	Base Consumer
dangerousHazardousLabel/dangerousHazardousLabelSequenceNumber	DOT Hazard Label Sequence	Dangerous Goods Hazard Label Sequence Number	Base Consumer
dangerousHazardousLabel/dangerousHazardousLabelNumber	DOT Hazard Label Nbr	Dangerous Goods Hazard Label Number	Base Consumer



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hazardousInformationHeader/dangerousGoodsRegulationAgency	DOT Regulation Agency	Dangerous Goods Regulation Agency	Base Consumer
hazardousInformationDetail/unitedNationsDangerousGoodsNumber	UN Dangerous Goods Nbr	United Nations Dangerous Goods Number	Base Consumer
regulatedTransportationMode/isProhibitedForTransportation	Prohibited for Transport	Is Prohibited for Transportation	Base Consumer
hazardousWasteInformation/hazardousWasteAgency	Hazardous Waste Agency	Hazardous Waste Agency	Base Consumer
hazardousWasteInformation/hazardousWasteCode	Hazardous Waste CD	Hazardous Waste Code	Base Consumer
regulatoryInformation/regulationTypeCode	Regulation Type CD	Regulation Type Code	Base Consumer
physicalChemicalPropertyInformation/physicalStateCode	Physical State	Physical State	Base Consumer
fireFightingInstructions/flammablePropertiesDescription	Flammable Properties Desc	Flammable Properties Description	Base Consumer
precautionaryStatement/precautionaryStatementsDescription	Precaution Statement Desc	Precautionary Statements Description	Base Consumer
precautionaryStatement/precautionaryStatementsCode	Precaution Statement CD	Precautionary Statements Code	Base Consumer
hazardousInformationHeader/ADRDangerousGoodsPackagingTypeCode	ADR Dangerous Goods Packaging Type CD	ADR Dangerous Goods Packaging Type Code	Base Consumer
avpList/storageEnvironmentAtmosphericPressureMaximum	Storage Requirements Desc	Storage Requirements Description	Base Consumer
tradeItemTemperatureInformation/maximumTemperature	Max Temp	Maximum Temperature	Base Consumer
tradeItemTemperatureInformation/minimumTemperature	Min Temp	Minimum Temperature	Base Consumer
tradeItemTemperatureInformation/temperatureQualifierCode	Temp Qualifier CD	Temperature Qualifier Code	Base Consumer
safetyDataSheetInformation/additionalSDSInformation	Additional SDS Info	Additional SDS Information	Base Consumer
hazardousInformationHeader/dangerousGoodsRegulationAgency	Dangerous Goods Regulation Agency	Dangerous Goods Regulation Agency	Base Consumer
hazardousInformationHeader/dangerousGoodsRegulationCode	Dangerous Goods Regulation CD	Dangerous Goods Regulation Code	Base Consumer
hazardousInformationDetail/dangerousGoodsShippingName	Dangerous Goods Shipping Nm	Dangerous Goods Shipping Name	Base Consumer
hazardousInformationDetail/dangerousGoodsTechnicalName	Dangerous Goods Technical Nm	Dangerous Goods Technical Name	Base Consumer
dangerousHazardousLabel/dangerousHazardousLabelSequenceNumber	Dangerous Goods Hazard Label Sequence Nbr	Dangerous Goods Hazard Label Sequence Number	Base Consumer



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dangerousHazardousLabel/dangerousHazardousLabelNumber	Dangerous Goods Hazard Label Nbr	Dangerous Goods Hazard Label Number	Base Consumer
hazardousInformationDetail/dangerousGoodsPackingGroup	Dangerous Goods Packing Grp	Dangerous Goods Packing Group	Base Consumer
hazardousInformationDetail/dangerousGoodsTransportCategoryCode	Dangerous Goods Transport Category CD	Dangerous Goods Transport Category Code	Base Consumer
hazardousInformationDetail/dangerousGoodsClassificationCode	Dangerous Goods Classification CD	Dangerous Goods Classification Code	Base Consumer
enumerationValueInformation/enumerationValueDefinition	Dangerous Substances Waste CD Definition	Dangerous Substances Waste Code Definition	Base Consumer
enumerationValueInformation/enumerationValueDescription	Dangerous Substances Waste CD Desc	Dangerous Substances Waste Code Description	Base Consumer
enumerationValueInformation/enumerationValue	Dangerous Substances Waste CD Value	Dangerous Substances Waste Code Value	Base Consumer
transportationClassification/marinePollutantTechnicalName	Marine Pollutant Technical Nm	Marine Pollutant Technical Name	Base Consumer
regulatedTransportationMode/specialRequirementsDescription	Special Requirements Desc	Special Requirements Description	Base Consumer
packaging/isPackagingSuitableforAirShipment	Suitable for Air	Is Packaging Suitable For Air Shipment	Base Consumer