

GetCatalogDetails (POST)

Overview

This POST API allows pushing Catalog Details posted in ERP to SMART by GEP for further processing.

URL Format: <https://<Instance>/SmartBulkInterfaceAPI/api/Catalog/CatalogDetails>

Request

```
{
  "CatalogItem": [
    {
      "SupplierItemNumber": "String"
    }
  ]
}
```

Response

```
{
  "totalPages": 1,
  "catalogResult": [
    {
      "catalogNumber": "string",
      "contractNumber": "string",
      "sourceSystemName": "string",
      "dateExpiry": "2020-01-21T10:51:07.501Z",
      "startDate": "2020-01-21T10:51:07.501Z",
      "partnerCode": "string",
      "lstCatalogItem": [
        {
```

```
"lineNumber": 0,
"buyerItemNumber": "string",
"supplierItemNumber": "string",
"supplierPartNumber": "string",
"shortDescription": "string",
"description": "string",
"unspsc": "string",
"isActive": true,
"itemSpecification": "string",
"minimumOrderQuantity": 0,
"maximumOrderQuantity": 0,
"manufacturer": "string",
"manufacturerPartNumber": "string",
"manufacturerModelNumber": "string",
"gtin": "string",
"banding": 0,
"relatedKeywords": "string",
"imageFileName": "string",
"itemType": "string",
"itemExtendedType": "string",
"orgEntities": [
  {
    "entityCode": "string",
    "isDefault": true,
    "entityType": "string",
    "lobEntityCode": "string"
  }
],
"lstCatalogItemPartner": [
  {
    "contractNumber": "string",
    "partnerCode": "string",
    "leadTime": 0,
    "isActive": true,
```

```

    "isTaxExempt": true,
    "lstCatalogItemPartnerUOM": [
      {
        "uom": "string",
        "supportedUOM": "string",
        "unitPrice": 0,
        "pricePerSupportedUOM": "string",
        "currencyCode": "string",
        "conversionFactorsWRTDefaultUOM": "string"
      }
    ]
  ],
  "totalCount": 1
}

```

Data Elements

Catalog Details				
Property	Required?	Data type	Description	Validations/Exceptions
CatalogNumber		String	Catalog Number of entities	
LstCatalogItem		List Of catalogItem object		
ContractNumber		String	Contract Number of entities	
SourceSystemName		String	Source System Name of entity	
DateExpiry		DateTime		
StartDate		DateTime		
PartnerCode		String	Note: Client Partner Code must be unique from the <CLIENT NAME> systems, so if there are duplicates within the service layer, the SSID will have to be appended to the Client Partner Code, and the resulting value will be Client Partner Code-SSID	

LstCatalogItem				
Property	Required?	Data type	Description	Validations/Exceptions
LineNumber		Long	Line Number of entities	
BuyerItemNumber		String	Buyer Item Number of entities	
SupplierItemNumber		String	Supplier Item Number of entities	
SupplierPartNumber		String	Supplier Part Number of entity	
ShortDescription		String	Short Description	
Description		String	Description of entity	
UNSPSC		String	UNSPSC of entity	
IsActive		Boolean	Status of the entity if active or not	
ItemSpecification		String	Item Specification	
MinimumOrderQuantity		Decimal	Minimum Order Quantity of entity	
MaximumOrderQuantity		Decimal	Maximum Order Quantity of entity	
Manufacturer		String	Manufacturer of entity	
ManufacturerPartNumber		String	Manufacturer Part Number of entity	
ManufacturerModelNumber		String	Manufacturer Model Number of entities	
GTIN		String	GTIN of entity	
Banding		Int	Banding of entity	
RelatedKeywords		String	Related Keywords of entity	
ImageFileName		String	Image File Name of entity	
ItemType		String	ItemType of entity	
ItemExtendedType		String		
OrgEntities		List of OrgEntities object	Check data type Org Entity for details	
LstCatalogItemPartner		List of CatalogItemPartner object	Check data type Catalog Item Partner	

OrgEntities				
Property	Required?	Data type	Description	Validations/Exceptions
EntityCode		String	Entity Code of the entity	
IsDefault		Boolean	A flag used to denote if entity is the default or not	

LstCatalogItemPartner				
Property	Required?	Data type	Description	Validations/Exceptions
ContractNumber		String	Contract Number of the entity	

PartnerCode		String	Note: Client Partner Code must be unique from the <CLIENT NAME> systems, so if there are duplicates within the service layer, the SSID will have to be appended to the Client Partner Code, and the resulting value will be Client Partner Code-SSID	
LeadTime		Int		
IsActive		Boolean	Status of the entity if active or not	
IsTaxExempt		Boolean	Is Tax Exempt of the entity	
IstCatalogItemPartnerUOM		List of CatalogItemPartnerUOM object		

IstCatalogItemPartnerUOM				
Property	Required?	Data type	Description	Validations/Exceptions
UOM		String	UOM of the entity	
SupportedUOM		String	Supported UOM of the entity	
UnitPrice		Decimal	Unit Price of the entity	
PricePerSupportedUOM		String	Price Per Supported UOM of the entity	
CurrencyCode		String	Currency Code of the entity	
ConversionFactorsWRTDefaultUOM		String	Conversion Factors WRT Default UOM of the entity	

Examples

Success Scenario - Request

Request below describes that this contains only the mandatory attributes:

```
{
  "CatalogItem": [
    {
      "SupplierItemNumber": "03230566"
    }
  ]
}
```

Success Scenario - Response

```
{
  "totalPages": 1,
  "catalogResult": [
    {
      "catalogNumber": "CAT-2018-00410",
      "contractNumber": "2018.000459",
      "sourceSystemName": "PC2_Tax",
      "dateExpiry": "2020-02-09T00:00:00+00:00",
      "startDate": "2006-02-08T00:00:00+00:00",
      "partnerCode": "PC-2018.000190",
      "catalogItem": [
        {
          "lineNumber": 1619,
          "buyerItemNumber": "1235",
          "supplierItemNumber": "03230566",
          "supplierPartNumber": "03230566",
          "shortDescription": "Pipe, 4 X 15.00#, XH, 0.337, FBE, 14-16,",
          "description": "Pipe, 4 X 15.00#, XH, 0.337 L2",
          "unspsc": "53A",
          "isActive": true,
          "itemSpecification": "Length - | Material - | Finish - | ",
          "minimumOrderQuantity": null,
          "maximumOrderQuantity": null,
          "manufacturer": "",
          "manufacturerPartNumber": "",
          "manufacturerModelNumber": "",
          "gtin": "",
          "banding": null,
          "relatedKeywords": "",
          "imageFileName": ""
        }
      ]
    }
  ]
}
```



```
"totalCount": 1  
}
```

Error Scenario – Request

Request has a missing value of the Authorization Header which is mandatory: (401 – Unauthorized)

Error Scenario – Response

Access to interface BulkAPI is denied, Authorization Header is missing.