

01. Product

Deskera Development Space

Exported on 12/18/2019

Table of Contents

1	GET / Product List.....	4
1.1	Request Method	4
1.2	Parameter.....	4
1.3	Example of Request	4
1.4	Response	4
1.5	Custom Field JSON :.....	6
1.6	Example of Response.....	7
2	POST/ Add or Edit Product	11
2.1	To Add or Edit Product.....	11
2.2	Request Method	11
2.3	Parameter.....	11
2.4	Example of Request	13
2.5	Response	13
2.6	Example of Response.....	14
3	DELETE/ Delete Product	15
3.1	To Delete Product	15
3.2	Request Method	15
3.3	Parameter.....	15
3.4	Example of Request	15
3.5	Response	16
3.6	Example of Response.....	16
3.7	GET/Product Price.....	16
3.8	To GET Product Price	16
3.9	Request Method	16
3.10	Parameter.....	16
3.11	Example of Request	18
3.12	Response	18
3.13	Example of Response.....	20
4	GET / Product Available Stock.....	22

4.1	Request Method	22
4.2	Parameter.....	22
4.3	Response	23
4.4	Example of Request	24

1 GET / Product List

<REST API Accounting endpoint>/rest/v1/master/product

e.g: <https://accounting.deskera.com/rest/v1/master/product?request={cdomain:deskera}&token=A11AZ>

1.1 Request Method

GET

1.2 Parameter

Field	Type	Description
token	String	Authorized token for integration.
request	JSON	Company's domain should pass in JSON.
Parameters	Required/Optional	Description
cdomain	Required	Company subdomain

1.3 Example of Request

Example of Request
<pre>{ "cdomain": "deskera" }</pre>

1.4 Response

Field	Type	Description
Response	JSON	All product information.
Property	Description	

data	It contains all the data related to product
typedata	Product Type details in JSON format. It contain objects of product type with name and id.
productdata	JSON of all product details
id	Product id of product
productcode	Product Code of product
productname	Product Name of product
type	The product type of Product
currencyName	Currency ID
currencyname	Currency Name
currencycode	Currency Code
quantity	The initial quantity defined for Product
uomname	UOM Name defined for product
salesaccountname	It is the sales account name of defined for Product
salesretaccountname	It is the sales return account name
purchaseaccountname	The purchase account name for Product
purchaseretaccountname	The purchase return account name for product
salestaxcode	It is the sales tax code set for product. It will be return only if there is sales tax set for product.
salestaxname	It is the sales tax name set for product. It will be return only if there is sales tax set for product.

salestaxpercent	It is the sales tax percent set for product. It will be return only if there is sales tax set for product.
purchasetaxcode	It is the purchase tax code set for product. It will be return only if there is purchase tax set for product.
purchasetaxname	It is the purchase tax name set for product. It will be return only if there is purchase tax set for product.
purchasetaxpercent	It is the purchase tax percent set for product. It will be return only if there is purchase tax set for product.
orderinguom	Ordering UOM field name of Product
hscode	HS Code defined for product
customdata	Custom field details of respective product in JSON format
createdon	The creation date in long

1.5 Custom Field JSON :

Property	Description
fieldlabel	Custom field label
fieldData	Custom field data for particular product

1.6 Example of Response

Response on Success

```
{
  "data": {
    "enablevatcst": false,
    "typedata": [
      {
        "name": "Service",
        "id": "4efb0286-5627-102d-8de6-001cc0794cfa"
      },
      {
        "name": "Job Work Assembly",
        "id": "a6a350c4-7646-11e6-9648-14dda97925bd"
      },
      {
        "name": "Job Work Inventory",
        "id": "a839448c-7646-11e6-9648-14dda97925bd"
      },
      {
        "name": "Inventory Part",
        "id": "d8a50d12-515c-102d-8de6-001cc0794cfa"
      },
      {
        "name": "Inventory Assembly",
        "id": "e4611696-515c-102d-8de6-001cc0794cfa"
      },
      {
        "name": "Non-Inventory Part",
        "id": "f071cf84-515c-102d-8de6-001cc0794cfa"
      },
      {
        "name": "Inventory Non-Sale",
        "id": "ff8080812f5c78bb012f5cfe7edb000c9cfa"
      }
    ],
    "isExciseApplicable": false,
    "productdata": [
      {
        "purchaseretaccountname": "Purchases",
        "vendorphoneno": "",
        "hscod": "",
        "itemsalesvolume": 0,
        "itemsaleswidth": 0,
        "itempurchasevolume": 0,
        "saleprice": 150,
        "pid": "PRO_001",
        "coilcraft": "",
        "vendoremail": "",
        "stockuom_value": 1,
        "type": "Inventory Part",

```

```

"currencycode": "SGD",
"transferuom": "Pcs",
"itempurchaseheight": 0,
"shareddocs": [],
"qaleadtimeindays": 0,
"supplier": "",
"productweightincludingpakagingperstockuom": 0,
"purchaseaccountname": "Purchases",
"id": "402881f7699943cc016999cc14a00001",
"itempurchasewidth": 0,
"productweightperstockuom": 0,
"casinguom": "",
"productvolumeperstockuom": 0,
"salesretaccountname": "Sales",
"itemlength": 0,
"leadtime": 0,
"itemwidth": 0,
"desc": "",
"inneruom": "",
"additionaldesc": "",
"productcode": "PRO_001",
"itemheight": 0,
"asofdate": 1483122600000,
"interplant": "",
"itemvolume": 0,
"uomname": "Pcs",
"salesaccountname": "Sales",
"warehouseName": "DS",
"purchaseuom": "Pcs",
"parentid": "",
"reorderquantity": 0,
"currencyName": "6",
"vendor": "",
"productname": "Mouse",
"customdata": [
  {
    "maxlength": 100,
    "comboid": "",
    "fieldlabel": "Product Custom Field",
    "fieldtype": 1,
    "iseditable": "true",
    "fieldname": "Custom_Product Custom Field",
    "refcolumn_number": "Col0",
    "sequence": 0,
    "validationtype": 0,
    "comboname": "",
    "isessential": 0,
    "modulename": "\\Products & Services\\",
    "column_number": "Col1001",
    "moduleid": 30,
    "fieldid": "2c3e0169-3a78-4888-93e9-9622b40f1b2c"
  }
],
"casinguom_value": 0,
"orderinguom": "Pcs",

```



```

    "reusabilitycount": 0,
    "vendornameid": "",
    "productweight": 0,
    "quantity": 30,
    "locationName": "Default Location",
    "currentpurchaseprice": 0,
    "currencyname": "SG Dollar (SGD)",
    "productvolumeincludingpakagingperstockuom": 0,
    "itemsaleslength": 0,
    "createdon": 1553011200000,
    "purchaseprice": 100,
    "inneruom_value": 0,
    "salesuom": "Pcs",
    "reorderlevel": 0,
    "itempurchaseheight": 0,
    "itemsalesheight": 0
  },
  {
    "purchaseretaccountname": "Purchases",
    "vendorphoneno": "",
    "hscode": "",
    "itemsalesvolume": 0,
    "itemsaleswidth": 0,
    "itempurchasevolume": 0,
    "saleprice": 40,
    "pid": "AssemblyP1201218",
    "coilcraft": "",
    "vendoremail": "",
    "stockuom_value": 1,
    "type": "Inventory Assembly",
    "currencycode": "SGD",
    "transferuom": "Ltr",
    "itempurchaseheight": 0,
    "shreddocs": [],
    "qleadtimeindays": 0,
    "supplier": "",
    "productweightincludingpakagingperstockuom": 0,
    "purchaseaccountname": "Purchases",
    "id": "4028809567ca08920167ca4b7a4200da",
    "itempurchasewidth": 0,
    "productweightperstockuom": 0,
    "casinguom": "Unit",
    "productvolumeperstockuom": 0,
    "salesretaccountname": "Cost of Sales",
    "itemlength": 0,
    "leadtime": 0,
    "itemwidth": 0,
    "desc": "",
    "inneruom": "Pcs",
    "additionaldesc": "",
    "productcode": "AssemblyP1201218",
    "itemheight": 0,
    "asofdate": 1483209000000,
    "interplant": "",
    "itemvolume": 0,
  }

```

```

        "uomname": "Ltr",
        "salesaccountname": "Cost of Sales",
        "warehouseName": "DS",
        "purchaseuom": "Ltr",
        "parentid": "",
        "reorderquantity": 0,
        "currencyName": "6",
        "vendor": "",
        "productname": "AssemblyP1201218",
        "customdata": [
            {
                "maxlength": 100,
                "fieldData": "Product Custom Field Value",
                "comboid": "",
                "fieldlabel": "Product Custom Field",
                "fieldtype": 1,
                "iseditable": "true",
                "fieldname": "Custom_Product Custom Field",
                "refcolumn_number": "Col0",
                "sequence": 0,
                "validationtype": 0,
                "comboname": "",
                "isessential": 0,
                "modulename": "\"Products & Services\"",
                "column_number": "Col1001",
                "moduleid": 30,
                "fieldid": "2c3e0169-3a78-4888-93e9-9622b40f1b2c"
            }
        ],
        "casinguom_value": 1,
        "orderinguom": "Ltr",
        "reusabilitycount": 0,
        "vendornameid": "",
        "productweight": 0,
        "quantity": 7,
        "locationName": "Default Location",
        "currentpurchaseprice": 0,
        "currencyname": "SG Dollar (SGD)",
        "productvolumeincludingpakagingperstockuom": 0,
        "itemsaleslength": 0,
        "createdon": 1545235200000,
        "purchaseprice": 40,
        "inneruom_value": 1,
        "salesuom": "Ltr",
        "reorderlevel": 0,
        "itempurchaselength": 0,
        "itemsalesheight": 0
    }
},
    "isLineLevelTermFlag": 0,
    "totalCount": 2
},
    "success": true
}

```

2 POST/ Add or Edit Product

Add or edit Product into the system.

2.1 To Add or Edit Product

<REST API Accounting endpoint>/rest/v1/master/product

e.g: <https://accounting.deskera.com/rest/v1/master/product?token=A11AZ>

2.2 Request Method

POST

2.3 Parameter

Field		Type	Description
token		String	Authorized token for integration.
request		JSON	Product details in JSON format
Parameters	Required/Optional	Description	
cdomain	Required	Company subdomain	
username	Required	User name	
producttypevalue	Required	Product Type	
productname	Required	Product Name	
sequenceformatvalue	Optional	Sequence Format name	
productID	Required	Product ID	
currencyvalue	Required	Currency Code	
asOfDate	Optional	As of Date	

Parameters	Required/ Optional	Description
purchaseAccountValue	Required	Purchase Account
purchaseReturnAccountValue	Required	Purchase Return Account
purchaseUOM	Required	Purchase UOM
salesAccountValue	Required	Sales Account
salesReturnAccountValue	Required	Sales Return Account
salesUOM	Required	Sales UOM
stockUOM	Required	Stock UOM
UOM	Required	UOM
warehouseValue	Required	Warehouse Name
locationValue	Required	Location Name
stockAdjustmentAccountValue	Required	Stock Adjustment Account
inventoryAccountValue	Required	Inventory Account
costOfGoodsSoldAccountValue	Required	Cost of Goods Sold Account
isWarehouseForProduct	Required	Flag for enabling warehouse

Parameters	Required/Optional	Description
isLocationForProduct	Required	Flag for enabling location
desc	Optional	Description
additional description	Optional	Additional Description

2.4 Example of Request

Request
<pre>{ "cdomain": "deskera1", "username": "admin", "producttypevalue": "Inventory Part", "productname": "Wallet 4", "sequenceformatvalue": "NA", "productID": "Wallet04", "currencyvalue": "SGD", "asOfDate": "May 21, 2019 12:00:00 AM", "purchaseAccountValue": "Purchases", "purchaseReturnAccountValue": "Purchases", "purchaseuom": "Pcs", "salesAccountValue": "Sales", "salesReturnAccountValue": "Sales", "salesuom": "Pcs", "stockuom": "Pcs", "uom": "Pcs", "warehouseValue": "COMMERZONE", "locationValue": "Pune", "stockAdjustmentAccountValue": "Advertising", "inventoryAccountValue": "Advertising", "costOfGoodsSoldAccountValue": "Advertising", "isWarehouseForProduct": "true", "isLocationForProduct": "true" }</pre>

2.5 Response

Field	Type	Description
-------	------	-------------

Response	JSON	Response after product added or edited
Field	Description	
success	Shows true or false value of success	
message	Message returned from API	

2.6 Example of Response

Response
<pre>{ "success": true, "message": "Product/Service has been saved successfully." }</pre>

3 DELETE/ Delete Product

Delete Product from the system.

3.1 To Delete Product

<REST API Accounting endpoint>/rest/v1/master/product

e.g: <https://accounting.deskera.com/rest/v1/master/product?request={}&token=A11AZ>

3.2 Request Method

DELETE

3.3 Parameter

Field	Type	Description
token	String	Authorized token for integration.
request	JSON	Product details in JSON format

Parameters	Required/Optional	Description
cdomain	Required	Company subdomain
username	Required	User name
productID	Required	Product ID
isPermanentDelete	Optional	Send true for deleting product permanently otherwise false

3.4 Example of Request

Request
<pre>{ "cdomain": "deskera1", "username": "admin", "productID": "Wallet04", "isPermanentDelete": "true" }</pre>

3.5 Response

Field	Type	Description
Response	JSON	Response after product deletion

Field	Description
success	Shows true or false value of success
msg	Message returned from API

3.6 Example of Response

Response
<pre>{ "success": true, "msg": "Product has been deleted successfully." }</pre>

3.7 GET/Product Price

Let's look at another example of getting product price information from the system.

3.8 To GET Product Price

<REST API Accounting endpoint>/rest/v1/transaction/productpriceV2

e.g: <https://accounting.deskera.com/rest/v1/transaction/productpriceV2?request={} & token=A11AZ>

3.9 Request Method

GET

3.10 Parameter

Field	Type	Description
-------	------	-------------

token	String	Authorized token for integration.
request	JSON	Details for retrieving Individual Price
Parameters	Required/ Optional	Description
cdomain	Required	Company subdomain
customervalue	Required	Customer Code
quantity	Required	In edit and copy case, quantity value is given else in create case, it is blank
timezonedifference	Required	Time zone difference
currencycode	Required	Selected Transaction Currency Code
products	Required	Product IDs. For multiple products pass values as comma separated.
transactiondate	Required	Transaction date in the financial year date format
isdefaultHeaderMap	Required	To get price as rate key i.e. according to Default Header Table
getSOPOflag	Required	Always true to calculate rate

3.11 Example of Request

Request
<pre>{ "customervalue": "C5", "currencycode": "SGD", "getSOP0flag": "true", "products": "Test1,AAA", "quantity": "", "transactiondate": "Mar 13, 2019 12:00:00 AM", "timezonedifference": "+8.00", "isdefaultHeaderMap": false, "cdomain": "deskera1" }</pre>

3.12 Response

Field	Type	Description
Response	JSON	Details of Product price

Property	Description
totalCount	Total count of product
socountinselecteduom	Sales Order count
rate	Product unit price
price	price source of product
productid	Product id
productname	Product Name
productcode	Product Code

purchaseprice	Purchase Price of product
producttype	The product type id
producttypename	Product Type Name
pocountinselecteduom	Purchase Order count

3.13 Example of Response

Response

```
{
  "data": [
    {
      "Test1": {
        "msg": "",
        "data": [
          {
            "isPriceMappedToUOM": true,
            "productcode": "Test1",
            "productid": "40288095666673880166668cedda001b",
            "producttypename": "Inventory Part",
            "price": 20,
            "productname": "Test1",
            "pocountinselecteduom": 3,
            "purchaseprice": 0,
            "socountinselecteduom": 8,
            "producttype": "d8a50d12-515c-102d-8de6-001cc0794cfa"
          },
          {
            "isPriceMappedToUOM": true,
            "productcode": "Test1",
            "productid": "40288095666673880166668cedda001b",
            "producttypename": "Inventory Part",
            "price": 20,
            "productname": "Test1",
            "pocountinselecteduom": 3,
            "purchaseprice": 0,
            "socountinselecteduom": 8,
            "producttype": "d8a50d12-515c-102d-8de6-001cc0794cfa"
          }
        ],
        "success": true
      }
    },
    {
      "AAA": {
        "msg": "",
        "data": [
          {
            "isPriceMappedToUOM": true,
            "productcode": "AAA",
            "productid": "402880956777a5e4016777fabffe022a",
            "producttypename": "Inventory Part",
            "price": 10,
            "productname": "AAA",
            "pocountinselecteduom": 0,
            "purchaseprice": 0,
            "socountinselecteduom": 0,
          }
        ]
      }
    }
  ]
}
```

```
    "producttype": "d8a50d12-515c-102d-8de6-001cc0794cfa"
  },
  {
    "isPriceMappedToUOM": true,
    "productcode": "AAA",
    "productid": "402880956777a5e4016777fabffe022a",
    "producttypename": "Inventory Part",
    "price": 10,
    "productname": "AAA",
    "pocountinselecteduom": 0,
    "purchaseprice": 0,
    "socountinselecteduom": 0,
    "producttype": "d8a50d12-515c-102d-8de6-001cc0794cfa"
  }
],
"success": true
}
}
],
"success": true,
"totalCount": 2
}
```

4 GET / Product Available Stock

<REST API Accounting endpoint>/rest/v1/inventory/product-available-stock

e.g: <https://accounting.deskera.com/rest/v1/inventory/product-available-stock?request={cdomain:deskera}&token=A11AZ>

4.1 Request Method

GET

4.2 Parameter

Field		Type	Description
token		String	Authorized token for integration.
request		json	Company's domain should pass in json.
Parameter s	Required/ Optional	Description	
cdomain	Required	Company subdomain	
productvalue	Required	Product ID	
warehouse	Optional	Warehouse Names. Multiple names can be given with comma separated.	
locationname	Optional	Location Name	

Example of Request

```
{
  "cdomain": "deskera1",
  "productvalue": "PRO_001",
  "warehouse": "DS,COMMERZONE",
  "locationname": "Default Location"
}
```

4.3 Response

Field	Type	Description
Response	json	All product available stock information.
Property		Description
data		It contains all the data related to product available stock
batchName		Batch Name
serials		Serials present under batch
availableQuantity		Available quantity in batch store
warehouseName		Warehouse Name
locationName		Location Name

4.4 Example of Request

Response on Success

```
"data": [  
  {  
    "batchName": "BB1",  
    "availableQuantity": 5,  
    "serials": "S01,S02,S03,S04,S05",  
    "locationName": "Default Location",  
    "warehouseName": "COMMERZONE"  
  },  
  {  
    "batchName": "BB3",  
    "availableQuantity": 2,  
    "serials": "S01,S02",  
    "locationName": "Default Location",  
    "warehouseName": "COMMERZONE"  
  },  
  {  
    "batchName": "B1",  
    "availableQuantity": 10,  
    "serials": "SS01,SS02,SS03,SS04,SS05,SS06,SS07,SS08,SS09,SS10",  
    "locationName": "Default Location",  
    "warehouseName": "DS"  
  }  
]
```