

Product Data & Price List API

Sow Easy

Version 1.1



Introduction

This API call allows partners of Sow Easy to have quick access to all product information and price list breakpoints on request. Allowing for a faster and seamless integration of Sow Easy's products to other systems.

Keys can be requested directly from Sow Easy.

Content

Below is a list of all the requested fields, their field type and a description of what they are.

Field Name	Field Type	Description
product	Text(String)	Name of the product.
product_id	Number(Integer)	ID of the product.
sku	Text(String)	Internal Reference of the Product.
stock_levels	Number(Float)	Quantity of Stock on hand of the product.
weight	Number(Float)	Weight value of a product.
weight_unit_of_measure	Text(String)	Unit of Measurement for the weight value.
description	Text(String)	Description text of the product.
minimum_order_quantity	Number(Integer)	Minimum order quantity for products and variants.
image	Text(String)	URL for the product's image.
art_template	Text(String)	URL for the products art template



product_data_sheet	Text(String)	Product data sheet
spec_sheet	Text(String)	Product specification sheet
seed_list	Text(String)	URL to file explaining the different types of seeds used in the product.
product_size	Text(String)	Size of the product
print_area	Text(String)	Size of the print
print_option	Text(String)	Text(String)
print_method	Text(String)	Print Method
print_finish	Text(String)	Finish of the print
materials	Text(String)	Materials used for the products and variants.
commodity_code	Text(String)	Commodity Code of the Product
country_of_origin	Text(String)	Origin Country of the Product
carton_quantity	Number(Float)	Carton Quantity
carton_weight	Number(Float)	Carton Weight in kg
carton_dimensions_cm	Text(String)	Carton Dimensions
pre_production_cost	Number(Float)	Cost of pre-production samples
pre_production_cost_currency	Text(String)	Currency used for pre_production_cost
extra_document_1	Text(String)	URL for any extra files or images
extra_document_2	Text(String)	URL for any extra files or images
extra_document_3	Text(String)	URL for any extra files or images
pricelist	List	List of all price list breakpoint information.
min_quantity	Number(Integer)	Minimum Quantity for each price break.
price	Number(Float)	Value of the price break.



currency	Text(String)	Short code of the currency of the price.
lead_time	Number(Integer)	Lead time for this quantity of products.
set_up	Number(Float)	Set up costs for this quantity of products
delivery_cost	Number(Float)	Delivery cost for this quantity of products.
product_variants	List	List of all variant information
variant_name	Text(String)	Name of the Variant
variant_id	Number(Integer)	ID of the Variant
variant_sku	Text(String)	Variants Internal Reference
variant_weight	Number(Float)	Weight value of a product variant.
variant_weight_unit_of_measure	Text(String)	Unit of Measurement for the weight value.
variant_commodity_code	Text(String)	Commodity code of the variant.
product_id	Number(Integer)	ID of the parent product
variant_attributes	List	List of attributes names and values that make up the variant
attribute_name	Text(String)	Name of the type of attribute e.g. "Colour"
attribute_value	Text(String)	Value of the attribute e.g. "Red"



Base URL

The Base URL for the API Request:
<https://soweasy.odoo.com/>

Endpoints

You can request the product and price list information using your unique code from Sow Easy. A
Successful request will return a JSON object.

GET /api/request_pricelist

- Parameters:
 - **api_key**: Key given to you by Sow Easy.
- Response:
 - 200: Success
 - 400: Bad Request
 - 401: Unauthorised Access
 - 500: Internal Server Error



Example:

Request:

https://soweasy.odoo.com/api/request_pricelist?api_key=123456789

Data Sample:

```
[
{
  "product": "Seedsticks® Greeting Cards",
  "product_id": 2128,
  "stock_levels": 0,
  "description": "Celebrations for any occasion, send a personalised A6 Seedsticks® Greeting Card. Each A6 card is delivered with a plain white envelope. Our Seedsticks® are embedded with a seed type of your choice from our range. Full colour printing available, inside and out, using veg and soy inks on FSC certified paper. The product is Made in Britain certified with a wide range of flower, vegetable, herb and tree seeds available. Tear it, plant it and watch it grow.",
  "minimum_order_quantity": 100,
  "image":
    "https://graysongroupltd.sharepoint.com/:i:/s/DistributorSupportArea/EU-ThAH1C1yZMiT025evDBNgB_JbrUpFr2c_Kj8nsFvsMag?e=pbG9s1",
  "art_template":
    "https://graysongroupltd.sharepoint.com/:b:/s/DistributorSupportArea/Ee-WMDSQ4nw9GkoA7mMmVnLkBRY60UC5ENTNhS-Mhdd3kMA?e=Gm3CPb",
  "product_data_sheet": false,
  "spec_sheet":
```



```

“https://graysongroupltd.sharepoint.com/:b:/s/DistributorSupportArea/EZ-
TVOEEA2GZPj8ADDP3
sj_QBisUwVYpcve_5u0CjzQcgGg?e=Klh87Z”,
“seed_list”:
“https://graysongroupltd.sharepoint.com/:b:/s/DistributorSupportArea/EV-
Jz4uVRHh9Cugd85fLNYzoBZnds7fhcrEQoA1DJzVhQQ?e=WezBS0”,
“product_size”: “148 x 105”,
“print_area”: “312 x 148”,
“print_option”: “Full colour”,
“print_method”: “Digital”,
“print_finish”: “Silk coated”,
“materials”: “FSC paper, 100% recycled greyboard, x5 seedsticks”,
“country_of_origin”: “United Kingdom”,
“carton_quantity”: 1000
“carton_weight”: 7
“carton_dimensions_cm”: “41 x 30 x 30”,
“pre_production_cost”: 95,
“pre_production_cost_currency”: “GBP”,
“extra_document_1”: false,
“extra_document_2”: false,
“extra_document_3”: false,

“pricelist”: [
{
“min_quantity”: 25000,
“price”: 0.86,
“currency”: “GBP”,
“lead_time”: 20,
“set_up”: 40,
“delivery_cost”: 145
},
{

```



```

“min_quantity”: 10000,
“price”: 0.89,
“currency”: “GBP”,
“lead_time”: 20,
“set_up”: 40,
“delivery_cost”: 60
},
{
“min_quantity”: 5000,
“price”: 0.92
“currency”: “GBP”
“lead_time”: 10,
“set_up”: 40,
“delivery_cost”: 35
},
{
“min_quantity”: 2500,
“price”: 0.97,
“currency”: “GBP”
“lead_time”: 7,
“set_up”: 40,
“delivery_cost”: 20
},
{

```



```

“min_quantity”: 1000,
“price”: 1.02,
“currency”: “GBP”
“lead_time”: 7,
“set_up”: 40,
“delivery_cost”: 15
},
{
“min_quantity”: 500,
“price”: 1.14,
“currency”: “GBP”
“lead_time”: 7,
“set_up”: 40,
“delivery_cost”: 15
},
{
“min_quantity”: 250,
“price”: 1.6,
“currency”: “GBP”
“lead_time”: 7,
“set_up”: 40,
“delivery_cost”: 15
},
{

```



```

“min_quantity”: 100,
“price”: 2.9,
“currency”: “GBP”,
“lead_time”: 7,
“set_up”: 40,
“delivery_cost”: 15
},
{
“min_quantity”: 50,
“price”: 4.49,
“currency”: “GBP”,
“lead_time”: 7,
“set_up”: 40,
“delivery_cost”: 15
}
],
“product_variants “: [
{
“variant_name”: “ Seedsticks® Greeting Cards (Norway Spruce)”,
“variant_id”: 3844,
“variant_sku”: “STA-005--Norway Spruce”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
{

```



```

    "attribute_name": "Seed",
    "attribute_value": "Norway Spruce"
  }
]
},
{
  "variant_name": "Seedsticks® Greeting Cards (Bacil)",
  "variant_id": 3835,
  "variant_sku": "STA-005-Basil",
  "variant_stock_levels": 0,
  "variant_weight": 0,
  "variant_weight_unit_of_measure": "kg"
  "variant_commodity_code": false,
  "product_id": 2128,
  "variant_attributes": [
    {
      "attribute_name": "Seed",
      "attribute_value": "Basil"
    }
  ]
},
{

```



```
“variant_name”: “Seedsticks® Greeting Cards (Carrot)”,
“variant_id”: 3836,
“variant_sku”: “STA-005-Carrot”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
  {
    “attribute_name”: “Seed”,
    “attribute_value”: “Carrot”
  }
],
{
“variant_name”: “Seedsticks® Greeting Cards (Chamomile)”,
“variant_id”: 3837,
“variant_sku”: “STA-005-Chamomile”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
```



```
{
  "attribute_name": "Seed",
  "attribute_value": "Chamomile"
}
],
{
  "variant_name": "Seedsticks® Greeting Cards (Chives)",
  "variant_id": 3838,
  "variant_sku": "STA-005-Chives",
  "variant_stock_levels": 0,
  "variant_weight": 0,
  "variant_weight_unit_of_measure": "kg",
  "variant_commodity_code": false,
  "product_id": 2128,
  "variant_attributes": [
    {
      "attribute_name": "Seed",
      "attribute_value": "Chives"
    }
  ]
},
{
```



```

“variant_name”: “Seedsticks® Greeting Cards (Forget me not)”,
“variant_id”: 3839,
“variant_sku”: “STA-005-Forget me not”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
  {
    “attribute_name”: “Seed”,
    “attribute_value”: “Forget me not”
  }
]
},
{
“variant_name”: “Seedsticks® Greeting Cards (Fruit&Veg)”,
“variant_id”: 3840,
“variant_sku”: “STA-005-Fruit&Veg”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
  {

```



```

    "attribute_name": "Seed",
    "attribute_value": "Fruit&Veg"
  }
]
},
{

```

```

"variant_name": "Seedsticks® Greeting Cards (Lavender)",
"variant_id": 3841,
"variant_sku": "STA-005-Lavender",
"variant_stock_levels": 0,
"variant_weight": 0,
"variant_weight_unit_of_measure": "kg"
"variant_commodity_code": false,
"product_id": 2128,
"variant_attributes": [
  {
    "attribute_name": "Seed",
    "attribute_value": "Lavender"
  }
]
},
{

```



```
"variant_name": "Seedsticks® Greeting Cards (Mint)",  
"variant_id": 3842,  
"variant_sku": "STA-005-Mint",  
"variant_stock_levels": 0,  
"variant_weight": 0,  
"variant_weight_unit_of_measure": "kg"  
"variant_commodity_code": false,  
"product_id": 2128,  
"variant_attributes": [  
  {  
    "attribute_name": "Seed",  
    "attribute_value": "Mint"  
  }  
]  
},  
{  
  "variant_name": "Seedsticks® Greeting Cards (Mixed Herbs)",  
  "variant_id": 3843,  
  "variant_sku": "STA-005-Mixed Herbs",  
  "variant_stock_levels": 0,  
  "variant_weight": 0,  
  "variant_weight_unit_of_measure": "kg"  
  "variant_commodity_code": false,  
  "product_id": 2128,  
  "variant_attributes": [  
    {
```



```

    "attribute_name": "Seed",
    "attribute_value": "Mixed Herbs"
  }
]
},
{
  "variant_name": "Seedsticks® Greeting Cards (Parsley)",
  "variant_id": 3845,
  "variant_sku": "STA-005-Parsley",
  "variant_stock_levels": 0,
  "variant_weight": 0,
  "variant_weight_unit_of_measure": "kg"
  "variant_commodity_code": false,
  "product_id": 2128,
  "variant_attributes": [
    {
      "attribute_name": "Seed",
      "attribute_value": "Parsley"
    }
  ]
},
{
  "variant_name": "Seedsticks® Greeting Cards (Poppy)",
  "variant_id": 3846,
  "variant_sku": "STA-005-Poppy",
  "variant_stock_levels": 0,
  "variant_weight": 0,

```



```

“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
  {
    “attribute_name”: “Seed”,
    “attribute_value”: “Poppy”
  }
],
{
“variant_name”: “Seedsticks® Greeting Cards (Strawberry)”,
“variant_id”: 3847,
“variant_sku”: “STA-005-Strawberry”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
  {
    “attribute_name”: “Seed”,
    “attribute_value”: “Strawberry”
  }
],
},
{

```



```

“variant_name”: “Seedsticks® Greeting Cards (Sunflower (Piccolo))”,
“variant_id”: 3848,
“variant_sku”: “STA-005-Sunflower Piccolo”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
  {
    “attribute_name”: “Seed”,
    “attribute_value”: “Sunflower (Piccolo)”
  }
]
},
{
“variant_name”: “Seedsticks® Greeting Cards (Wildflowers)”,
“variant_id”: 3834,
“variant_sku”: “STA-005-Wildflowers”,
“variant_stock_levels”: 0,
“variant_weight”: 0,
“variant_weight_unit_of_measure”: “kg”
“variant_commodity_code”: false,
“product_id”: 2128,
“variant_attributes”: [
  {

```



```

    "attribute_name": "Seed",
    "attribute_value": "Wildflowers"
  }
]
},
{
  "variant_name": "Seedsticks® Greeting Cards (Tomato)",
  "variant_id": 3849,
  "variant_sku": "STA-005-Tomato",
  "variant_stock_levels": 0,
  "variant_weight": 0,
  "variant_weight_unit_of_measure": "kg"
  "variant_commodity_code": false,
  "product_id": 2128,
  "variant_attributes": [
    {
      "attribute_name": "Seed",
      "attribute_value": "Tomato"
    }
  ]
}
]
}
]
}
]

```

