## **Shipping Rates Catalog Configuration**

In order to be considered when estimating shipping rates, products and their price schedules will need a few things set up first.

### ApplyShipping

First, *ApplyShipping* will need to be set to *true* on the price schedule assigned to the product. Any Line Items containing Products without this value set to *true* on its Price Schedule will be ignored when calculating shipping rates. Here’s a sample Price Schedule with this configuration set:

{

"ID": "SamplePriceSchedule",

"Name": "Sample",

"ApplyTax": false,

"ApplyShipping": true,

"MinQuantity": 1,

"MaxQuantity": null,

"UseCumulativeQuantity": false,

"RestrictedQuantity": false,

"OrderType": "Standard",

"PriceBreaks": [

{

"Quantity": 1,

"Price": 10

}

],

"xp": null

}

### ShipWeight

Next, a *ShipWeight* (in lbs.) should to be set on the Product being ordered to provide accurate shipping rates. If a value is not set, the Product will still be included in the calculation. However, a weight of *0* will be used when calculating rates, resulting in inaccurate rates.

### ShipFromAddressID

Next, a *ShipFromAddressID* needs to be set on the Product being ordered to be considered when estimating shipping rates. The value for this field should be a previously created [Admin Address](https://documentation.ordercloud.io/api-reference#AdminAddresses) ID. Each Product should have the *ShipFromAddressID* set for the location it is being shipped from. Products being shipped from separate locations will be considered a separate shipment within OrderCloud.io, meaning Line Items will be grouped by these addresses (as well as the item’s Shipping Address) when calculating rates. Here’s a sample Admin Address and a Product containing that Admin Address’ ID, as well as a *ShipWeight*:

{

"ID": "SampleAdminAddress",

"CompanyName": "Sample Co",

"FirstName": "Shipping",

"LastName": "Department",

"Street1": "123 Sample Street",

"Street2": "",

"City": "Minneapolis",

"State": "MN",

"Zip": "55403",

"Country": "US",

"Phone": "5554325678",

"AddressName": "Sample Address",

"xp": null

}

{

"ID": "SampleProduct",

"Name": "Sample",

"Description": "This is a sample product",

"QuantityMultiplier": 1,

"ShipWeight": 2,

"ShipHeight": null,

"ShipWidth": null,

"ShipLength": null,

"Active": true,

"Type": "Static",

"InventoryEnabled": false,

"InventoryNotificationPoint": null,

"VariantLevelInventory": false,

"SpecCount": 0,

"xp": null,

"AllowOrderExceedInventory": false,

"InventoryVisible": false,

"VariantCount": 0,

"ShipFromAddressID": “SampleAdminAddress”

}