## **Get Rates Method**

The next method available within the OrderCloud.io Shipping Rates integration is GetLineItemRates. This method will obtain shipping rate estimates from the carriers selected in your integration configuration for each individual Line Item in your order based on the item’s product weight, but regardless of the item’s *ShippingAddress* and *ShipFromAddressID*.

As mentioned in the *Catalog Configuration*, Line Items will not be included in the shipping rate calculation for the following reasons:

* No *ShippingAddress* is set on the Line Item
* No *ShipFromAddressID* is set on the Product
* *ApplyShipping* is not set to *true* on the Product’s Price Schedule

Also, if a *ShipWeight* (in lbs.) is not set on a Product, a weight of *0* will be used when calculating rates, resulting in an inaccurate estimate.

### Get Rates Request

POST https://api.ordercloud.io/v1/integrationproxy/shippingrates HTTP/1.1

Authorization: bearer insert\_access\_token\_here

Content-Type: application/json; charset=UTF-8

{

"BuyerID": "...",

"TransactionType": "GetLineItemRates",

"OrderID": "..."

}

### Get Rates Response

HTTP/1.1 200 OK

Content-Type: application/json; charset=UTF-8

{

"Shipments": [

{

"Weight": 10,

"ShipFromAddressID": "1234",

"ShipToAddressID": "2345",

"LineItemIDs": [

"1",

],

"Rates": [

{

"Price": 6

"Description": "UPS Standard"

},

{

"Price": 20

"Description": "UPS Next Day Air"

},

{

"Price": 5,

"Description": "USPS Priority"

},

{

"Price": 15,

"Description": "USPS First-Class"

}

]

},

{

"Weight": 15,

"ShipFromAddressID": "1234",

"ShipToAddressID": "2345",

"LineItemIDs": [

"2",

],

"Rates": [

{

"Price": 8

"Description": "UPS Standard"

},

{

"Price": 22

"Description": "UPS Next Day Air"

},

{

"Price": 7,

"Description": "USPS Priority"

},

{

"Price": 17,

"Description": "USPS First-Class"

}

]

}

]

}

### Error Handling

#### Validation Responses

In the case that a required field is missing from your request or there are any issues with your Order, the following response will be returned containing a unique ErrorCode and Message, as well as the request body sent during the call. The possible ErrorCodes and Messages are listed below.

HTTP/1.1 400 Bad Request

Content-Type: application/json

{

"ErrorCode": "...",

"Message": "...",

"Data": {

“...Request Body...”

}

}

|  |  |  |
| --- | --- | --- |
| **ErrorCode** | **Message** | **Status Code** |
| ShippingRatesValidation.BuyerIDRequired | BuyerID is required to get shipping rates. | 400 |
| ShippingRatesValidation.OrderIDRequired | OrderID is required to get shipping rates. | 400 |
| ShippingRatesValidation.LineItemsRequired | At least one line item is required to get shipping rates. | 400 |