



API Integration Document

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Company Matcher API

Introduction

This API enables users to search for a company based on criteria such as company name, unique identification number or country. The objective of this API is to help you identify companies of interest so that you can fetch detailed intelligence for the company using the Global Buyer/Supplier Profile API.

API Structure

Request

HTTP Method: **POST**

Content-Type: **application/json**

Requires Authentication: **Yes**

Rate Limited: **Yes**

Request Body

Name	Type	Required	Description
companyName	string	Yes	This attribute contains the name of the company.
uid	object	No	Specifies the unique identification number of the company. This field is available for buyers/suppliers from Mexico, Colombia, Chile, Uruguay and Ecuador
uid>>uidType	string	Yes with uidNumber	This is an optional parameter representing the unique identification type of the company. The UID Number field is mandatory when using this field. Valid values: - For Colombian Company > colombia_nit - For Mexican Company > mexico_rfc - For Chilean Company > chile_rut
uid>>uidNumber	string	Yes with uidType	This is an optional parameter representing a unique identification number of the company. The UID Type field is mandatory when using this field.
companyCountry	string	No	This attribute should contain Domicile Countries of the Buyers/ Suppliers. The list of countries can be found in Annexure A below.
StockListing	object	No	This attribute needs to be used if you want to search for the company using its Stock Ticker.
stockTicker	string	Yes	This attribute should contain the Stock Ticker for the

Name	Type	Required	Description
			company that is being searched. The stockExchangeName field is mandatory along with the stockTicker field.
stockExchangeName	string	Yes	This attribute should contain the Stock Exchange Name where the company being searched is listed. The list of stockExchangeNames can be found in Annexure C below. The stockTicker field is mandatory along with the stockExchangeName field.
matchPercentage	integer		This attribute defines the required minimum match percentage of the company to the overall search criteria. Valid Values 0.00 to 1.00. Default Value: 0.7
nameMatchPercentage	integer		This attribute defines the required minimum match percentage of the company to the searched company name. Valid Values 0.00 to 1.00. Default Value: 0.7
probableMatchesLimit	integer		This attribute defines the number of probable matches to the search criteria that a user can receive in the response. Valid Values 1 to 10 Maximum Value: 10

Sample Request application/json

```
{
  "companyName": "walmart",
  "uid": {
    "uidType": "chile_rut",
    "uidNumber": "93834000-8"
  }
  "StockListing": {
    "stockTicker": "WMT",
    "stockExchangeName": "NYSE"
  }
  "matchPercentage": 0.8,
  "nameMatchPercentage": 0.9,
  "probableMatchesLimit": 5,
}
```

Response

HTTP 200

Content-Type: **application/json**

Response Body

Name	Type	Description
companies	array (object)	This attribute will contain a list of companies that match the search criteria
companies>>companyId	string	This attribute is the unique identifier of the organisation which will be utilised in future APIs
companies>>companyName	string	This attribute contains the name of the company.
companies>>matchPercentage	integer	This attribute defines the match percentage of the company to the overall search criteria.
companies>>nameMatchPercentage	integer	This attribute defines the match percentage of the company to the searched company name.
companies>>uid	array (object)	Determines the unique identification number of the company
uid>>uidType	string	This defines the type for the UID Number field
uid>>uidNumber	string	This is a unique identification number of the company. The UID Type field is mandatory when using this field.
companies>>address	string	This attribute contains the address of the company
companies>>country	string	This attribute contains the country of the company
companies>>state	string	This attribute contains the state of the company
companies>>city	string	This attribute contains the city of the company
companies>>zipCode	integer	This attribute contains the zip code of the company

Sample Response application/json

```
{
  "companies": [
    {
      "companyId": "4256530",
      "companyName": "walmart",
      "nameMatchPercentage": 0.9,
      "probableMatchesLimit": 5,
      "uid": [
        {
          "uidType": "Chile RUT",
```

```
    "uidNumber": "93834000"
  }
],
"address": "702 SW 8th St, Bentonville, AR 72712, United States",
"country": "United States",
"state": "Arkansas",
"city": "Bentonville",
"zipCode": "72712"
}
]
}
```

Credit Usage

Sno	Count	Credit usage per request
1.	Up to 10 companies above the threshold match score	0 credits per request

Global Buyer/Supplier Profile API

Introduction

This API leverages the user to extract actionable intelligence for the company profile that has been shortlisted after the search.

API Structure

Request

HTTP Method: **POST**

Content-Type: **application/json**

Requires Authentication: **Yes**

Rate Limited: **Yes**

Request Body

Name	Type	Mandatory	Description
companyID	string	Yes	This attribute is the Trademo unique identifier of a company
tradingPartnerLimit	integer	Yes	<p>This field allows you to set the number of records that you need to request at a time. The value for this attribute needs to be in multiples of 10.</p> <p>By default, 1 API response will contain up to 10 trading partners and would consume 2 credits.</p> <p>The number of credits deducted from your account will be directly proportional to the number of trading partners sent as a part of your response.</p> <p>For example, getting data for 20 trading partners equals 2 API Calls and hence 4 credits will be deducted for the same.</p>
tradeTimePeriod	integer	No	<p>This specifies the number of years in which the trade for the company needs to be evaluated.</p> <p>Valid Response: "1" for Last 1 year "2" for Last 2 years "3" for Last 3 years</p>

Sample Request application/json

```
{  
  "companyID": "4256530",
```

```
"tradingPartnerLimit": 20,  
"tradeTimePeriod": 2  
}
```

Response

HTTP 200

Content-Type: **application/json**

Response Body

Name	Type	Description
companyID	string	This attribute is the Trademo unique identifier of a company which could be utilised in other Trademo APIs.
companyName	string	This contains the name of the company.
address	Array (string)	This contains the most frequently used address of the company
country	string	This contains the country of the company
state	string	This contains the state of the company
city	string	This contains the city of the company
zipCode	string	This contains the zip code of the company
imported2DigitHsCodes	array (object)	A list of 2-digit HS Codes which the company is importing in the tradeTimePeriod mentioned in the request. Sorting: percentage Share basis value, descending Maximum Count: 100
imported2DigitHsCodes>>hscod	string	The HS Code identifier
imported2DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the company's imports
imported4DigitHsCodes	array (object)	A list of 4-digit HS Codes which the company is importing. Sorting: Percentage Share, descending Maximum Count: 100
imported4DigitHsCodes>>hscod	string	The HS Code identifier
imported4DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the company's imports
imported6DigitHsCodes	array (object)	A list of 6-digit HS Codes which the company is importing. Sorting: Percentage Share, descending

Name	Type	Description
		Maximum Count: 100
imported6DigitHsCodes>>hscode	string	The HS Code identifier
imported6DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the company's imports
imported8DigitHsCodes	array (object)	A list of 8-digit HS Codes which the company is importing. Sorting: Percentage Share, descending Maximum Count: 100
imported8DigitHsCodes>>hscode	string	The HS Code identifier
imported8DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the company's imports
exported2DigitHsCodes	array (object)	A list of 2-digit HS Codes which the company is exporting. Sorting: Percentage Share, descending Maximum Count: 100
exported2DigitHsCodes>>hscode	string	The HS Code identifier
exported2DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the company's exports
exported4DigitHsCodes	array (object)	A list of 4-digit HS Codes which the company is exporting. Sorting: Percentage Share, descending Maximum Count: 100
exported4DigitHsCodes>>hscode	string	The HS Code identifier
exported4DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the company's exports
exported6DigitHsCodes	array (object)	A list of 6-digit HS Codes which the company is exporting. Sorting: Percentage Share, descending Maximum Count: 100
exported6DigitHsCodes>>hscode	string	The HS Code identifier
exported6DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the company's exports
exported8DigitHsCodes	array (object)	A list of 8-digit HS Codes which the company is exporting. Sorting: Percentage Share, descending Maximum Count: 100
exported8DigitHsCodes>>hscode	string	The HS Code identifier
exported8DigitHsCodes>>percentageShare	float	Percentage Share of the respective HS code in the

Name	Type	Description
		company's exports
importedSections	array (object)	A list of Sections which the company is importing. Sorting: Percentage Share, descending. Maximum Count: 100
importedSections>>section	string	The Section identifier
importedSections>>percentageShare	float	Percentage Share of the respective Section for the company's imports
exportedSections	array (object)	A list of Sections which the company is exporting. Sorting: Percentage Share, descending Maximum Count: 100
exportedSections>>section	string	The Section identifier
exportedSections>>percentageShare	float	Percentage Share of the respective Section in the company's exports
importedProductList	array (object)	A list of product keywords the company is importing. Sorting: Percentage Share, descending Maximum Count: 100
importedProductList>>product	string	The product keyword
importedProductList>>percentageShare	float	Percentage Share of the respective product keyword in the company's exports
exportedProductList	array (object)	A list of product keywords the company is exporting. Sorting: Percentage Share, descending Maximum Count: 100
exportedProductList>>product	string	The product keyword
exportedProductList>>percentageShare	float	Percentage Share of the respective product keyword in the company's exports
addressList	array (string)	This attribute contains the list of addresses of the company
stockTickers	array (object)	A list of stocker tickers of the company.
stockTickers>>exchangeName	string	The stock exchange where the company's stock is listed.
stockTickers>>ticker	string	The ticker name of the stock in a particular stock exchange.
countriesImportingFrom	array (object)	A list of countries from which the company is importing. Maximum Count: 100
countriesImportingFrom>>country	string	The name of the country

Name	Type	Description
countriesImportingFrom>>percentageShare	float	Percentage Share of the respective company in the company's imports
countriesExportingTo	array (object)	A list of countries to which a company is exporting. Maximum Count: 100
countriesExportingTo>>country	string	The name of the country
countriesExportingTo>>percentageShare	float	Percentage Share of the respective company in the company's exports
importTradingPartnerCount	integer	This contains the number of trading partners from which the company is importing.
importTradingPartners	array (object)	This contains the list of import trading partners of the company. These are the trading partners from which the company is importing. Maximum Count: 100
importTradingPartners>>companyName	string	This contains the name of the trading partner.
importTradingPartners>>companyID	string	This attribute is the Trademo unique identifier of the trading partner, which can further be used to fetch the trading partner's company profile..
importTradingPartners>>country	string	This contains the country of the trading partner.
importTradingPartners>>percentageShare	float	Percentage Share of the respective company in the company's imports
exportTradingPartnerCount	integer	This contains the number of trading partners to which the company is exporting.
exportTradingPartners	array (object)	This contains the list of export trading partners of the company. These are the trading partners to which the company is exporting. Maximum Count: 100
exportTradingPartners>>companyName	string	This contains the name of the trading partner.
exportTradingPartners>>companyID	string	This attribute is the Trademo unique identifier of the trading partner, which can further be used to fetch the trading partner's company profile..
exportTradingPartners>>country	string	This contains the country of the trading partner.
exportTradingPartners>>percentageShare	float	Percentage Share of the respective company in the company's exports

Sample Response application/json

```
{
  "companies": [
```

```
{
  "companyId": 4256530,
  "companyName": "walmart",
  "tradeDirection": "import",
  "address": "702 SW 8th St, Bentonville, AR 72712, United States",
  "country": "United States",
  "state": "Arkansas",
  "city": "Bentonville",
  "zipCode": "72712",
  "addressList": [
    "702 SW 8th St, Bentonville, AR 72712, United States",
    "2551 E Hallandale Beach Blvd, Hallandale Beach, FL 33009, United States"
  ],
  "imported2DigitHsCodes": [
    {
      "hsCode": "09",
      "percentageShare": 35.6
    },
    {
      "hsCode": "08",
      "percentageShare": 15.7
    }
  ],
  "imported4DigitHsCodes": [
    {
      "hsCode": "0901",
      "percentageShare": 35.6
    },
    {
      "hsCode": "0902",
      "percentageShare": 15.7
    }
  ],
  "imported6DigitHsCodes": [
    {
      "hsCode": "090111",
      "percentageShare": 35.6
    },
    {
      "hsCode": "090211",
      "percentageShare": 15.7
    }
  ],
  "imported8DigitHsCodes": [
    {
      "hsCode": "09011100",
      "percentageShare": 35.6
    },
    {
      "hsCode": "09021100",
      "percentageShare": 15.7
    }
  ],
  "exported2DigitHsCodes": [
    {
      "hsCode": "09",
```

```
"percentageShare": 35.6
},
{
  "hsCode": "08",
  "percentageShare": 15.7
}
],
"exported4DigitHsCodes": [
  {
    "hsCode": "0901",
    "percentageShare": 35.6
  },
  {
    "hsCode": "0902",
    "percentageShare": 15.7
  }
],
"exported6DigitHsCodes": [
  {
    "hsCode": "090111",
    "percentageShare": 35.6
  },
  {
    "hsCode": "090211",
    "percentageShare": 15.7
  }
],
"exported8DigitHsCodes": [
  {
    "hsCode": "09011100",
    "percentageShare": 35.6
  },
  {
    "hsCode": "09021100",
    "percentageShare": 15.7
  }
],
"importedSections": [
  {
    "section": "20",
    "percentageShare": 35.6
  },
  {
    "section": "16",
    "percentageShare": 15.7
  }
],
"exportedSections": [
  {
    "section": "20",
    "percentageShare": 35.6
  },
  {
    "section": "16",
    "percentageShare": 15.7
  }
]
```

```
],
"productList": [
  {
    "product": "coffee",
    "percentageShare": 35.6
  },
  {
    "product": "tea",
    "percentageShare": 15.7
  }
],
"stockTickers": {
  "exchangeName": "NYSE",
  "ticker": "WMT"
},
"countriesImportingFrom": [
  {
    "countryName": "China",
    "percentageShare": 35.6
  },
  {
    "countryName": "Brazil",
    "percentageShare": 17.8
  },
  {
    "countryName": "Vietnam",
    "percentageShare": 15.2
  }
],
"countriesExportingTo": [
  {
    "countryName": "China",
    "percentageShare": 35.6
  },
  {
    "countryName": "Brazil",
    "percentageShare": 17.8
  },
  {
    "countryName": "Vietnam",
    "percentageShare": 15.2
  }
],
"importTradingPartnersCount": 1500,
"importTradingPartners": [
  {
    "companyID": "3245228",
    "companyName": "ABCD South Asia",
    "country": "Vietnam",
    "percentageShare": 35.6
  }
],
"exportTradingPartnersCount": 2500,
"exportTradingPartners": [
  {
    "companyID": "3245228",
```

```
"companyName": "ABCD South Asia",  
"country": "Vietnam",  
"percentageShare": 35.6  
}  
]  
}  
]  
}
```

Credit Usage

Sno	Count	Credit Usage per request
1.	1 Buyer/Supplier	2 credits per request