Product Group

23/10/2025 11:27 am BST

Product

Tags: API

Versions

Versions this documentation is relevant for:

- *8.7.0+*

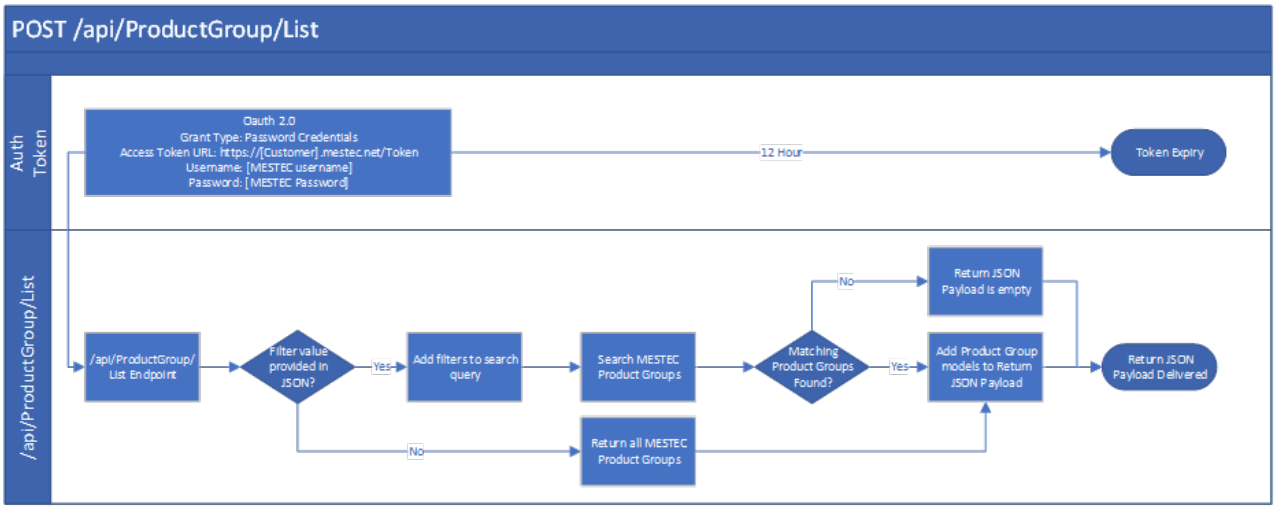
List

The Product Group – List API call reads existing Product Groups from Eyelit MES-M. The data can be filtered based on the parameters passed in the body/payload of the JSON packet giving the flexibility to search for one or multiple Product Groups.

Using the Product Group – List API call has no impact on the data within the given Eyelit MES-M application, it is read-only.

Figure 1 shows the logic used within the Product Group – List API call.

Figure 1 - Logic within ProductGroup/List API Call



Data Prerequisites

There is no data required in Eyelit MES-M to act as a pre-requisite to make the API call to list Product Groups. If parameters are passed in through the body that return no valid results, an empty payload will be returned.

Request

Table 1 shows the method and endpoint required to make the API call to list Product Groups.

Table 1 - Outbound Message Detail for Product Group - List

Method	URL Structure	Endpoint

POST	https://[environment].mestec.net	/api/ProductGroup/List

The body of the payload should follow the format below.

```
{
  "id": 0,
  "name": "string"
}
```

See Table 2 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 2 - Parameter Information for Product Group - List2

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
ID	productgroup.id	NUMBER	No	N/A	Exact
Name	productgroup.name	VARCHAR2(250 BYTE)	No	No	Exact

Note: For any fields where the match type is 'Like', a percent symbol should be used as a wildcard character to indicate a number of characters within the given string.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To list Product Groups where the name is 'Controlled':

```
{
  "name": "Controlled"
}
```

Response

When using the Product Group – List API call, if any data has been found in Eyelit MES-M that meets the parameter values passed in the original payload, a JSON payload will be returned containing data in the following structure:

```
[
  {
    "id": 0,
    "name": "string",
    "Products": [
        "string"
      ]
  }
]
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

No results were found that matched given parameters:

```
{

}
```

Multiple Product Groups were found that matched given parameters:

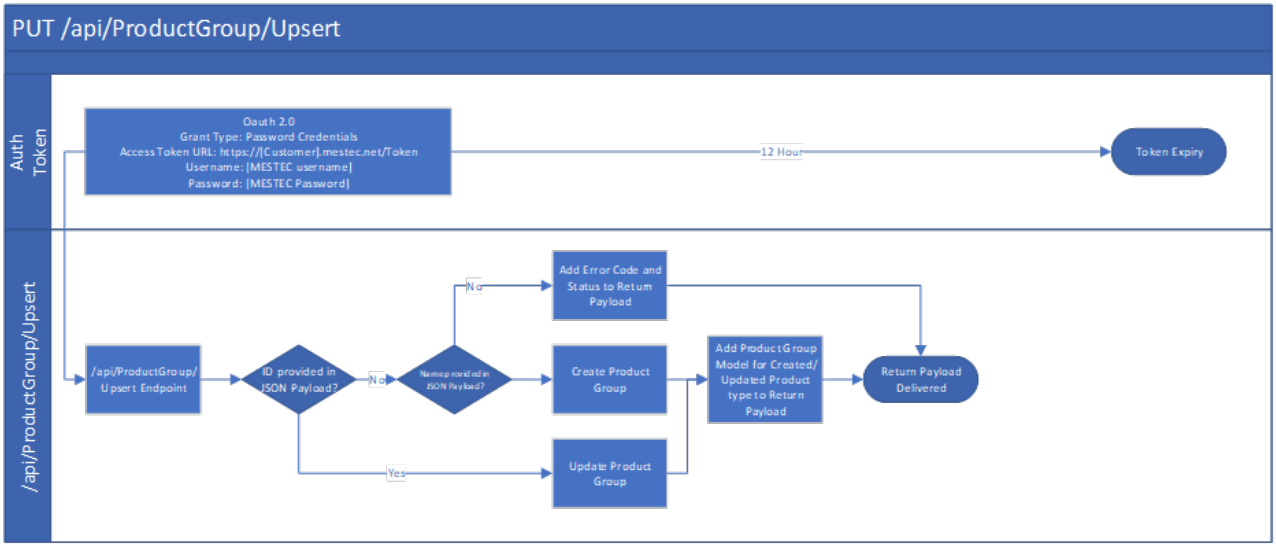

```
[
  {
    "id": 10,
    "name": "Controlled",
    "Products": [
        "Product_1",
        "Product_2"
      ]
  }
]
```


Upsert

The Product Group – Upsert API call checks if a Product Group with the given ID already exists. If it does, appropriate fields are updated in the matching product in Eyelit MES-M. If no ID is provided, then a new Product Group is created.

Figure 2 shows the logic used within the Product Group – Upsert API call.

Figure 2 - Logic within ProductGroup/Upsert API Call



Data Prerequisites

There is no data required in Eyelit MES-M to act as a pre-requisite to make the API call to upsert Product Groups. If parameters are passed in through the body that return no valid results a new product group will be created, otherwise the Product Group identified will be updated.

Request

Table 3 shows the method and endpoint required to make the API call to list Product Groups.

Table 3 - Outbound Message Detail for Product Group - Upsert

Method	URL Structure	Endpoint
PUT	https://[environment].mestec.net	/api/ProductGroup/Upsert

The body of the payload should follow the format below

The body of the payload should follow the format below:

```
{
  "id": 0,
  "name": "string"
}
```

See Table 4 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 4 - Parameter Information for Product Group - Upsert

Parameter Name	Data Mapping	Data Type	Mandatory		Case Sensitive	Match Type
			Create	Update		
ID	productgroup.id	NUMBER	N/A	Yes	N/A	Exact
Name	productgroup.name	VARCHAR2(50 BYTE)	Yes	No	N/A	N/A

Note: For any fields where the match type is 'Like', a percent symbol should be used as a wildcard character to indicate a number of characters within the given string. See examples in Section 3.1.3.1 for use cases.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To create a new Product Group.

```
{
  "name": "Controlled Sub Class A"
}
```

To update name and description by ID.

```
{
  "id": 28,
  "name": "Controlled Products - Sub Class A
}
```

Response

When using the Product Group – Upsert API call, if a Product Group has been Created or Updated a JSON payload will be returned containing data in the following structure:

```
[
  {
    "id": 0,
    "name": "string",
    "Product": [
        "string"
      ]
  }
]
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

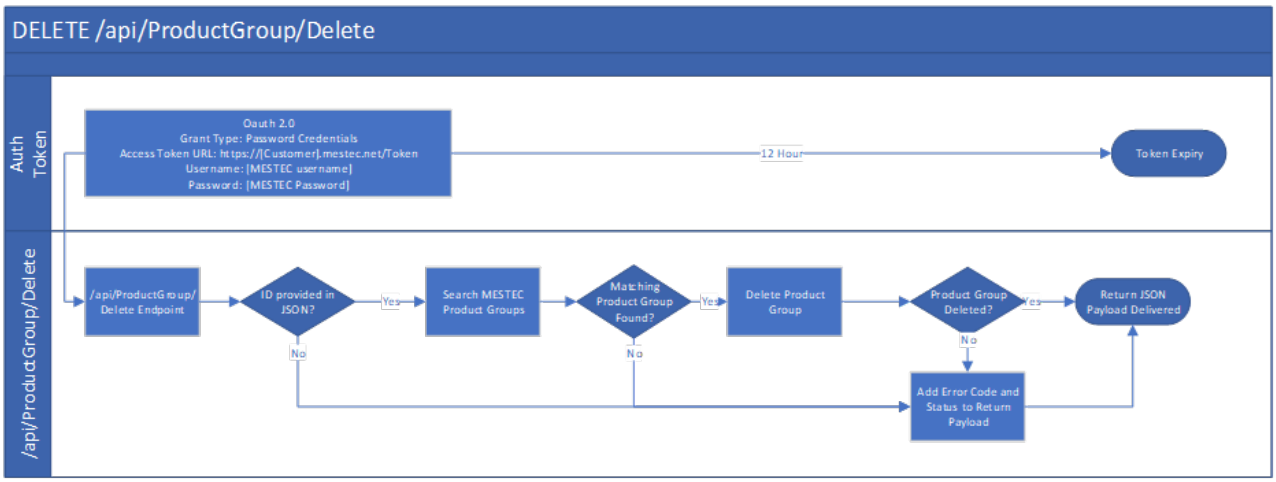
```
[
  {
    "id": 28,
    "name": "Controlled Sub Class A",
    "Product": [
        "Product_1"
      ]
  }
]
```


Delete

The Product Group – Delete API call attempts to delete a Product Group. A Product Group can be deleted as long as there are no Products currently assigned to the Product Group.

Figure 3 shows the logic used within the Product Group – Delete API call.

Figure 3 - Logic within ProductGroup/Delete API Call



Data Prerequisites

In order to delete a Product Group, the Product Group must exist in Eyelit MES-M. The Product Group must have no Products currently assigned.

Request

Table 5 shows the method and endpoint required to make the API call to list Product Groups.

Table 5 - Outbound Message Detail for Product Group - Delete

Method	URL Structure	Endpoint
DELETE	https://[environment].mestec.net	/api/ProductGroup/Delete

The body of the payload should follow the format below.


```
{
  "id": 0
}
```


See Table 6 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 6 - Parameter Information for Product Group - Delete

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
ID	productgroup.id	NUMBER	Yes	N/A	Exact

Note: For any fields where the match type is 'Like ', a percent symbol should be used as a wildcard character to indicate a number of characters within the given string.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

Delete by ID

```
{
  "id": 28
}
```

Response

When using the Product Group – Delete API call, if a Product Group has been Deleted a 200 status response will be returned.