

## Miscellaneous

### How to use API to get JSON export/sync of your SDS Library to external systems

#### SDS Library API for Inventory Management

This API is designed for SDS Manager customers who manage their SDS library through [inventory.sdsmanager.com](https://inventory.sdsmanager.com). It allows seamless access to the same data available when exporting your SDS library as a CSV file.

##### Overview of API Functionality

- **Retrieve All Active SDSs:**  
When the API endpoint is called without specifying a date parameter, it will return information about **all active Safety Data Sheets (SDS)** in your library.
- **Fetch Updates Since a Specific Date:**  
To retrieve only the SDSs added after a particular date, include a date parameter in your request. This is especially useful for syncing with your ERP system.
- **ERP Integration with external\_system\_id:**  
To streamline synchronization between your SDS Manager library and your ERP system, you can use the external\_system\_id field:
  - On initial setup, import your ERP IDs using our **Chemical List Import Tool**.
  - When exporting your SDS library, the external\_system\_id is included for each SDS.

##### Availability

This API is available to customers on the **Pro Plan** and **Enterprise Plan**.

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## 1. Authenticate & Get Token

To access secured endpoints, you must authenticate using your registered credentials to obtain a JWT access token.

URL: <https://inventory.sdsmanager.com/api/auth/login/>

HTTP Method: POST

Headers:

Content-Type: application/json—Indicates that the body of the request is in JSON format.

Accept: application/json—Specifies that the client expects a JSON response.

Example cURL:

```
curl --location --request POST 'https://inventory.sdsmanager.com/api/auth/login/' \
```

Page 1 / 4

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URL: [https://sdsmanager.com/faq/content/984/en/how-to-use-api-to-get-json-export\\_sync-of-your-sds-library-to-external-systems](https://sdsmanager.com/faq/content/984/en/how-to-use-api-to-get-json-export_sync-of-your-sds-library-to-external-systems)

## Miscellaneous

```
--form 'email="your-email" \
```

```
--form 'password="your-password"'
```

Response:

```
{  
  "access_token": "your-jwt-token",  
  "refresh_token": "your-refresh-token"  
}
```

Note: Keep your JWT token secure and include it in the Authorization header for all subsequent requests.

## 2. Export Customer SDS Library

Use this endpoint to export SDS data associated with your account.

URL: [https://inventory.sdsmanager.com/api/v2/substances/export\\_customer\\_sds\\_library/](https://inventory.sdsmanager.com/api/v2/substances/export_customer_sds_library/)

HTTP Method: POST

Headers:

Accept: application/json—Specifies that the client expects a JSON response.

Authorization: JWT

Replace with the actual token value. Make sure there is a space between JWT and the token.

Example: JWT eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9eyJ1c2VyX2lkIjoxNTMwOCwidXNlcm5hbWUiOiJtaW5oLmhh1eW5oKzZAbmV0cG93ZXIubm8iLCJleHAiOiJlE3NDU0Njc5NwMslmVtYWIsIjoibWluaC5odswXluc2Q5IdHBvd2VyLm5vliwib3JpZ19pYXQiOiJlE3NDQ4NjMxNjN9.qg2Qz2ucPTmBc7v-Ey4\_mOS-LVwJpG1tVj3ly6545NE

Optional Query Parameters:

- added\_after=YYYY-MM-DD: Filter results to only include SDS added after a given date. Example: ?added\_after=2025-01-01

# Miscellaneous

Example cURL:

```
curl --location --request POST
'https://inventory.sdsmanager.com/api/v2/substances/export_customer_sds_library/' \
--header 'Authorization: JWT ' \
```

Example cURL with date filter:

```
curl --location --request POST 'https://inventory.sdsmanager.com/api/v2/substances/export_customer_sds_library/?added_after=2025-01-01' \
--header 'Authorization: JWT ' \
```

## 3. Overview of data returned by the API

```
"datas": [
{
"LOCATION_PATH": [],
"LOCATION": "",
"SUPPLIER OF SDS": "",
"LANGUAGE": "",
"PRODUCT_NAME": "",
"Product code": null,
"Revision date": "",
"Prevention sentences": "",
"Hazard category abbreviations": "",
"Hazard sentences": "",
"EUH sentences": "",
"Signal word": "",
"Signal word code": "",
"Pictograms": "",
"Icons in SDS": "",
"Substance components CAS#": "",
"Health Risk rating": ,
"Safety Risk rating": ,
"Environment Risk rating": ,
"SDS Path": "",
"SDS Manager internal ID": ,
"Date added to library": "",
"Approved date": "",
"Approved by": "",
"Risk assessment approved date": ,
"Risk assessment approved by": ,
"external_system_id": ,
"external_system_url":
}
]
}
```

# Miscellaneous

```
"datas": [
  {
    "LOCATION_PATH": [
      51921
    ],
    "LOCATION": "Minh.tran+12",
    "SUPPLIER OF SDS": "Merck Life Science AS",
    "LANGUAGE": "no",
    "PRODUCT_NAME": "EMSURE ",
    "Product code": "1.02556",
    "Revision date": "2021-07-19",
    "Prevention sentences": "P273,P280,P301+P312,P302+P352,P304+P340+P312,P308+P313",
    "Hazard category abbreviations": "",
    "Hazard sentences": "H302,H317,H319,H334,H341,H350i,H360F,H400,H410",
    "EUH sentences": "",
    "Signal word": "Fare",
    "Signal word code": "D",
    "Pictograms": "GHS07,GHS08,GHS09",
    "Icons in SDS": "GHS07,GHS08,GHS09",
    "Substance components CAS#": "10026-24-1",
    "Health Risk rating": 5,
    "Safety Risk rating": 1,
    "Environment Risk rating": 5,
    "SDS Path": "https://staging-inventory.sdsmanager.com/publicView/14562c9eb46d0d9cc81edafdaa651b3-b5c9ea9a-f1a2-42c1-ac3d-20cf8aa0bd22"
```

Unique solution ID: #3019

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