



17 October 2020
EMA/556635/2020
Information Management Division

UPD Production Release Notes

Veterinary Medicinal Products: Union Product Database

Release: 1.0.0

Release date: 24 September 2020

1. Overview of functionality

This release makes the first components of the UPD, i.e. the core UPD Repository and Application Programming Interface (API), available.

These components provide IT systems of National Competent Authorities automated access to the Union Product Database. The functionality made available at this point is limited to reading information on centrally authorised products and automatically creating MRP/DCP/NAP product information.

Using this functionality, NCA IT systems can link to the UPD Repository via the API to extract CAP information and NCAs can start testing uploading NCA product information¹ in the UPD. The referenced documents below contain all required information to register and connect to the API and use the available functionality.

More functionality and additional components will be made gradually available between now and January 2022.

2. Supported Product Service Endpoints of the UPD API:

This technical release makes the UPD API functionality listed below available. See the [SPOR-API-Specification V2](#) for the full information on these functionalities (endpoints).

API Specifications v2 section	API Manager
EP301 Search Product	MedicinalProductDefinition - Search for a MedicinalProductDefinition resource or resources

¹ Note that the API has initially been designed to allow NCAs to fulfil their legal obligation to provide product information once the UPD is operational from January 2022 onwards, but can also be used to upload legacy information as per article 155 of Regulation 2019/6.



API Specifications v2 section	API Manager
EP302 Search Product Part - AdministrableProductDefinition	AdministrableProductDefinition - Search for a AdministrableProductDefinition resource or resources
EP302 Search Product Part - Ingredient	Ingredient - Search for an Ingredient resource or resources
EP302 Search Product Part - ManufacturedItemDefinition	ManufacturedItemDefinition - Search for a ManufacturedItemDefinition resource or resources
EP302 Search Product Part - PackagedProductDefinition	PackagedProductDefinition - Search for a PackagedProductDefinition resource or resources
EP302 Search Product Part - RegulatedAuthorization	RegulatedAuthorization - Search for a RegulatedAuthorization resource or resources
EP303 Get Product	MedicinalProductDefinition - Get a MedicinalProductDefinition ID
EP304 Get Product Full	Everything Current - Get \$everything for a a MedicinalProductDefinition ID Please note: without any of the query parameters
EP305 Get Product Part - AdministrableProductDefinition	AdministrableProductDefinition - Get a AdministrableProductDefinition by ID
EP305 Get Product Part - Ingredient	Ingredient - Get a Ingredient resource by ID
EP305 Get Product Part - ManufacturedItemDefinition	ManufacturedItemDefinition - Get a ManufacturedItemDefinition resource by ID
EP305 Get Product Part - PackagedProductDefinition	PackagedProductDefinition - Get a PackagedProductDefinition resource by ID
EP305 Get Product Part - RegulatedAuthorization	RegulatedAuthorization - Get a RegulatedAuthorization resource by ID
EP309 Create Product	POST Bundle Note: the Request URL is https://spor.azure-api.net/pms/api/v2/
EP309 Create Product - for use with this EP	OperationOutcome - Get a resource by ID Note: use this to query the outcome of Create when response to Post is "202 Accepted" If using 'Try it' in API Manager, ensure you add a header of "Accept" with the representation type you want for the response of "application/fhir+json" or "application/fhir+xml"

3. Examples of Bundles for Create Product

[Link to zip-file containing the following documents:](#)

1. 1.1.8-0A_C1_MandatoryIG_Vet_RegAuthAtMedicinalProductLevel.xml
2. 1.1.8-0A_C4_VetEUIG_AllMappedAttributes_RegAuthAtPackagedProductLevel.xml

References

1. [Production API and Registration Process](#) (pdf document)
2. [SPOR-API-Specification V2 \(PDF format\)](#): API specifications for SMS and PMS, based on FHIR
3. [HL7 FHIR Release 5 Preview 2](#): the authoritative source for the FHIR specifications used by EMA to implement SMS and PMS API
4. [Presentation to the UPD project group about PMS / ISO IDMP / FHIR \(PowerPoint format\)](#)
5. [SPOR Referentials Management System; additional information](#)
6. [SPOR Organisations Management System; additional information](#)