

User's Guide

# Chemical Formulary

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## Introduction

1. Description
2. Installation
3. Operation

**Description:** The **Chemical Formulary module** aims to create, memorize and produce chemical formulas for products to be marketing by correctly maintaining the stocks of the products used and printing reports to be presented to the competent authorities for marketing or export. These formulas are composed of ingredients and components which mixed with regard to the processing phase and complete with explanatory notes give rise to the product to be marketing.

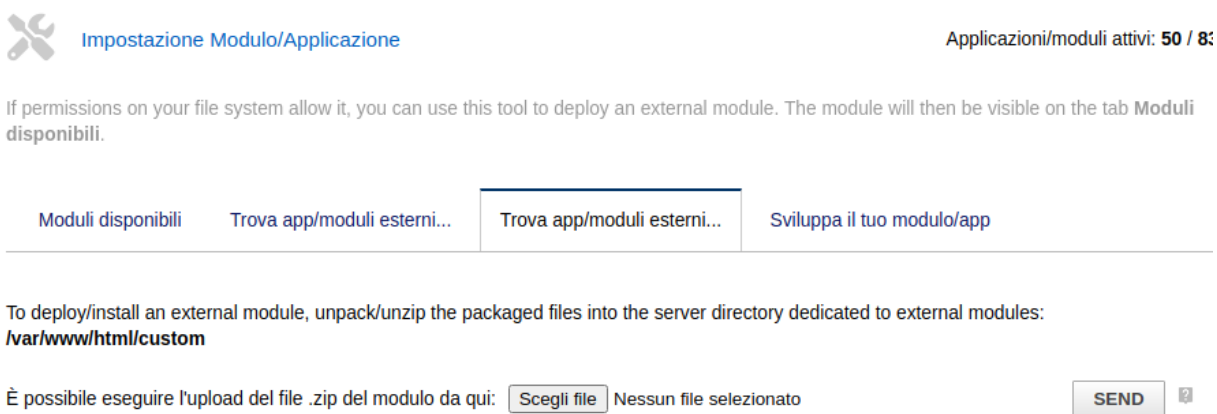
We will then have an **insert formula** with all the attributes that characterize it and a consequent **Formula memorization** that also produces the additional document cards to be attached:

- chemical analysis - physics
- microbiological analysis
- MSDS - (Manual Safety Data Sheet) Safety card

after storing the formula is The production of the products subject to the formulas is possible.

**Installation:** The installation of the form is standard, simply reach:

Settings/modules/external modules



**Impostazione Modulo/Applicazione** Applicazioni/moduli attivi: 50 / 83

If permissions on your file system allow it, you can use this tool to deploy an external module. The module will then be visible on the tab **Moduli disponibili**.


Moduli disponibili   Trova app/moduli esterni...   **Trova app/moduli esterni...**   Sviluppa il tuo modulo/app

To deploy/install an external module, unpack/unzip the packaged files into the server directory dedicated to external modules:  
**/var/www/html/custom**

È possibile eseguire l'upload del file .zip del modulo da qui:  Nessun file selezionato  ?

Select the file and send it. Remember to activate it

the installation of the form adds the following fields to the products:

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- if ingredient or component
  - Main Functionality
  - Inci - International Nomenclature Cosmetic Ingredient
  - ICID (International Cosmetic Ingredient Dictionary Cas)
  - Registry Number
  - Eines - European Inventory of Existing Commercial Chemical Substances
  - Elincs - European List of Notified Chemical Substances

also adds the following lists in dictionaries:

- Function (main function of the component)
- phase (component processing phase)
- Analysis (the particularities of the component that will go to the technical data sheet)
- Microbiological Analysis (data for the microbiological analysis of the component that They will go to the technical data sheet)
- MSDS (list of sections in the Manual Safety Data Sheet tab)

in the "Bill of Materials" module (the base distinct) the following tabs are added:

- Chemical / Physical Date
- Microbiological Analysis
- MSDS - Manual Safety Data Sheet

these data are transferred in the technical data sheet de The product, necessary for the presentation of the same to the competent authorities for marketing or export.

**Operation:** The module is perfectly integrated into the DoLibarr environment.

From the main menu MRP - Manufacturing Resource Planning click on new distinct base that in our case is equivalent to new formula, add the necessary products with the correct quantities, a check function verifies that the sum of the components gives exactly 1

**BOM2202-0004** [Torna alla lista](#)

Titolo	conservante	Durata stimata	
Tipo	Manufacturing	Magazzino per la produzione	BASE
Prodotto	#231	Costo totale	0,00
Quantità	1,00	Costo unitario	0,00
Descrizione	conservante geogard		

Descrizione	Qtà	Quantità congelata	Cambio stock disabilitato	Manufacturing efficiency	Costo totale	
#228 - Alcool Benzilico	0,79			1	0,00	Fase L
#00017 - Acido Salicilico	0,11			1	0,00	Fase L
#237 - Glicerina	0,06			1	0,00	Fase L
#246 - sorbitolo	0,04			1	0,00	Fase L
<b>Totale</b>	<b>1</b>					

for the marketing of the product it is necessary to produce the following documentation:

- Chemical / Physical Date
- Microbiological Analysis
- MSDS - Manual Safety Data Sheet

All these data are shown in the corresponding tabs:

## Physical Chemical

Titolo	CONSERVANTE
Tipo	Manufacturing
Prodotto ⓘ	📦 #231
Quantità	1,00
Descrizione	conservante geogard
<hr/>	
Descrizione	Valore
Packaging available	200 ml and 1000 ml
Aspect	solution
Odour	characteristic
Viscosity at 25°	1
Analysis start	see analysis details
Analysis end	see analysis details
PAO	6 months
Production manager	████████████████████
Expiring date	3 year from production date
Shelf life	30 months
PH	5.6
Colore	transparent



## Microbiological analysis

Titolo	CONSERVANTE	Durata stimata ⓘ
Tipo	Manufacturing	Magazzino per la produzione
Prodotto ⓘ	#231	
Quantità	1,00	
Descrizione	conservante geogard	

Descrizione	Valore	Unita di misura	Valori di riferimento	Metodo	Linee guida
Total viable aerobic count	< 10	CFU / 1g	<= 100	ISO : 21149:2006	SCCNFP/1628/21
mycetes/miceti					
mould/muffe	< 10	CFU / 1g	<= 100	ISO : 21149:2006	SCCNFP/1628/21
Yeast/lieviti	< 10	CFU / 1g	<= 100	ISO : 21149:2006	SCCNFP/1628/21

## MSDS - Manual Safety Data Sheet

Titolo	CONSERVANTE	Durata stimata ⓘ
Tipo	Manufacturing	Magazzino per la produzione
Prodotto ⓘ	#231	
Quantità	1,00	
Descrizione	conservante geogard	

Descrizione	Valore
<b>1 - Identification of the product / company</b>	
Product commercial name	Rose water
Manufactory company	
Indirizzo	
Phone number	
<b>2 - Composition / information of the ingredients</b>	
Composition / information of the ingredients	
<b>3 - Identified risk</b>	
Identified risk	