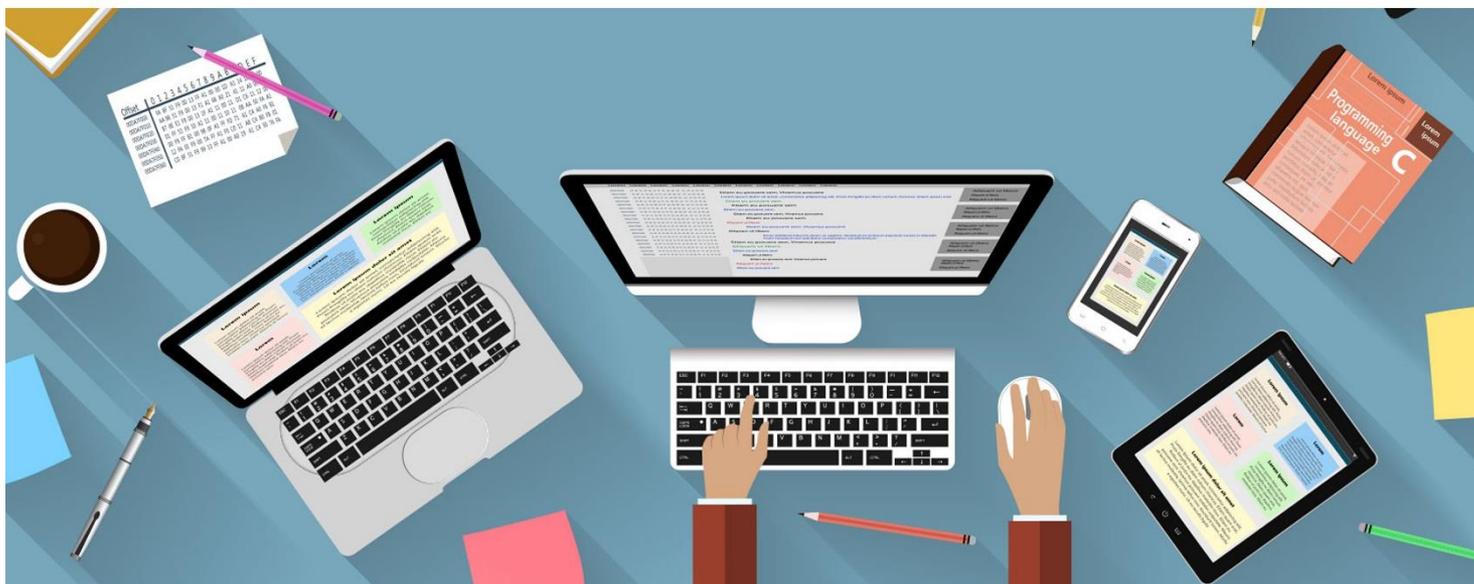




歐盟EF資料庫 產品流介紹



影片內容概要

資料庫-基本流網址:

https://ecoinvent.lca-data.com/productFlowList.xhtml?stock=EF2_0_Chemicals

Product Flow data sets

| entries: 1412 (1412 total) (page 1 of 15) 1 2 3 4 5 6 7 8 9 10 100 entries per page | | | | | |
|---|--------------|--|------|----|--|
| 名稱 | 類型 | 類別 | 性質 | 單位 | |
| 1-propanol | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| 1-propanol, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| 2,5-Bis(tert-butylperoxy)-2,5-dimethylhexane | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| 2,5-Bis(tert-butylperoxy)-2,5-dimethylhexane, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| acetaldehyde | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| acetaldehyde, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| Acetic acid | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| Acetic acid, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| Acetone from cumene | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| Acetone from cumene, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| Acetone from isopropanol | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |
| Acetone from isopropanol, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg | |

總共有兩個類型(Type):**產品流(Product Flows)**和**廢料流(Waste Flows)**

影片內容概要

經統整，類別(Category)共有九類

- 存放的貨物(Deposited goods)
- 報廢處理(End-of-life treatment)
- 能源與技術(Energy carriers and technologies)
- 原物料生產(Materials production)
- 其他(Other)
- 生命中其中的生產殘留物(Production residues in life cycle)
- 系統(System)
- 運輸(Transport services)
- 有價值物質(Valuable substances)

影片內容概要

Product Flow data sets

| entries: 6 (1412 total) (page 1 of 1) 1 100 entries per page | | | | |
|--|-------------------|--|---------------------------------|--------------------------------------|
| Name [^] | Type [^] | Category [^] | Reference Property [^] | Reference Property Unit [^] |
| <input type="text" value="propanol"/> | | | | |
| 1-propanol | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| 1-propanol, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| Acetone from isopropanol | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| Acetone from isopropanol, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| isopropanol | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| isopropanol, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| entries: 6 (1412 total) (page 1 of 1) 1 100 entries per page | | | | |
| Acetic acid, aggregated inputs | Product flow | materials production / Organic chemicals / nan | mass | kg |
| Acetone from cumene | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| Acetone from cumene, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| Acetone from isopropanol | Product flow | Materials production / Organic chemicals / nan | Mass | kg |
| Acetone from isopropanol, aggregated inputs | Product flow | Materials production / Organic chemicals / nan | Mass | kg |

在名稱下面的框位中，可以輸入想搜尋的產品。
例如:輸入Propanol(丙醇) –畫面中輸入並搜尋

影片內容概要

Product Flow data set overview page

Data set: 1-propanol (03.00.000)

[Processes with this flow as input / output](#) [View complete dataset](#) [Download data set as XML file](#)

| | | | |
|--|---------------------------|---|----------|
| Type Product flow | Name 1-propanol | Reference Flow Property Mass (kg) | |
| Classification Materials production / Organic chemicals / nan | | | Synonyms |
| General comment | | | |

類型(Type):產品流

名稱(Name): 丙醇(1-Propanol)

參考流特性(Reference Flow Property):質量(公斤)

特徵(Classification): 原物料生產/有機化學品/未定義
(Materials production / Organic chemicals / nan)

同義詞(Synonyms): 無相關敘述

評論(General Comment): 無相關敘述

影片內容概要

Process data sets

With output flow: 1-propanol

| entries: 1 (268 total) (page 1 of 1) 10 entries per page | | | | | | |
|--|------------|-----------|--|------------------|---------------|--|
| Name ^ | Type ^ | Locatio ^ | Classification ^ | Reference year ^ | Valid until ^ | Compliance systems ^ |
| 1-propanol production; technology mix; production mix, at plant; 100% active substance | LCI result | RER | Materials production / Organic chemicals | 2017 | 2020 | <ul style="list-style-type: none">ISO 14040 conformity systemPEF/OEF implementation, mandatory data 2016-2020 |

entries: 1 (268 total) (page 1 of 1) 10 entries per page

右上方有三個連結，第一個為流程連結，按下產出(Output)可以查看此產品的相關流程

影片內容概要

Product Flow data set overview page

Data set: 1-propanol (03.00.000)

| | | | | |
|--|---------------------------|---|---------------------------------------|---|
| Processes with this flow as input / output | | | View complete dataset | Download data set as XML file |
| Type Product flow | Name 1-propanol | Reference Flow Property Mass (kg) | | |
| Classification Materials production / Organic chemicals / nan | | | | Synonyms |
| General comment | | | | |

下載數據集(Download data set XML file)

本資料可以用XML格式儲存，可使用GaBi(LCA軟體)開啟此檔案。



GaBi Software
PRODUCT SUSTAINABILITY

影片內容概要

Product Flow data set overview page

Data set: 1-propanol (03.00.000)

| | | | | |
|--|---------------------------|---|---------------------------------------|---|
| Processes with this flow as input / output | | | View complete dataset | Download data set as XML file |
| Type Product flow | Name 1-propanol | Reference Flow Property Mass (kg) | | |
| Classification Materials production / Organic chemicals / nan | | | | Synonyms |
| General comment | | | | |

查看更詳細的資料，點選完整的數據集(View complete dataset)

影片內容概要

Product Flow Data set: 1-propanol (en)

- ▶ Flow information
- ▶ Modelling and validation
- ▶ Administrative information
- ▶ Flow **Properties**

四個列表分別為：

1. 產品流資訊(Flow information)
2. 建立模型與驗證相關資訊(Modelling and validation)
3. 行政相關資訊(Administrative information)
4. 流性質(Flow Properties)

影片內容概要

產品流的資訊(Flow information)

| | |
|-------------------------------|--|
| ▼ Flow information | |
| Data set information | |
| Name | 1-propanol |
| Classification | Class name : Hierarchy level ILCD: Materials production / Organic chemicals / nan |
| Quantitative reference | |
| Reference Flow Property | <u>Mass</u> (kg) |

LCI方法(LCI method)

產品流名稱(Name): 基本流

特徵(Classification): **ILCD**: 原物料生產/有機化學品/未定義

量化參考(Quantitative reference)

參考基本流的性質(Reference Flow Property): 質量(公斤)

影片內容概要

建立模型與驗證相關資訊(Modelling and validation)

▼ Modelling and validation

LCI method

| | |
|--------------|--------------|
| Type of flow | Product flow |
|--------------|--------------|

Compliance Declarations

| | | |
|------------|--|--|
| Compliance | Compliance system name <u>ILCD compliance 1.1</u> | Approval of overall compliance <i>Fully compliant</i> |
|------------|--|--|

LCI方法(LCI method)

流的類型(Type of flow): 產品流

符合性宣告(Compliance Declarations)

符合的系統名稱(Compliance system name): ILCD數據-符合 1.1

整體規範的批准(Approval of overall compliance): 皆符合

影片內容概要

行政相關資訊(Administrative information)

▼ Administrative information

Data entry by

| | |
|-------------------------|---------------------------------|
| Time stamp (last saved) | 2017-05-13T02:00:00+01:00 |
| Data set format(s) | ILCD format 1.1 |

Publication and ownership

| | |
|------------------|--------------------------------------|
| UUID | 5543d899-1cbd-4acf-a770-befd41102943 |
| Data set version | 03.00.000 |

數據輸入(Data entry by)

時間戳記-最近更新時間(Time stamp-last saved): 2017-05-13

數據集格式(Data set format): ILCD格式 1.1

出版及所有權(Publication and ownership)

UUID: 5543d899-1cbd-4acf-a770-befd41102943

資料庫版本(Data set version): 03.00.003

影片內容概要

流性質(Flow Properties)

▼ Flow Properties

| Flow Property | Mean value | Minimum value | Maximum value | Uncertainty distribution type | Relative StdDev in % | Data derivation type / status | General comment |
|---------------|------------|---------------|---------------|-------------------------------|----------------------|-------------------------------|-----------------|
| Mass | 1.0 | 0.0 | 0.0 | | 0.0 % | | |

可以查看產品流的相關資訊，由資訊得知以質量為性質作為此基本流的建立。

流性質(Flow property)

平均值(Mean value)

最小值(Minimum value)

最大值(Maximum value)

不確定性分布類型(Uncertainty distribution type)

相關性(Relative StdDev In %)

數據建立類型(Data derivation type/ status)

相關資訊(General comment)