



Name: R_INQUIRY / SUBSTANCE : Carboxylic acids, C5-9 / octanoic acid / 68603-84-9
Thu, 17 May 2018 09:02:06 +0000 / Inquiry1_C5-9_17052018

Legal entity owner: EcoMundo for twin rivers / Issy-les-Moulineaux / France

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DOSSIER: Inquiry1_C5-9_17052018

UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.345Z

Remarks:

Dossier header

Dossier submission type

Name

REACH Inquiry

Version

reach 3.0

Name (given by user)

Inquiry1_C5-9_17052018

Dossier subject

Dossier subject

[Carboxylic acids, C5-9 / octanoic acid / 68603-84-9](#)

Submitting legal entity

[EcoMundo for twin rivers / Issy-les-Moulineaux / France](#)

Dossier creation date/time

Thu May 17 09:02:06 GMT 2018

Used in category

false

LEGAL_ENTITY: EcoMundo for twin rivers

UUID: ECHA-3df66680-b937-4ffb-8b8c-d2cbd4c23c47

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.358Z

Remarks:

General information

Legal entity name

EcoMundo for twin rivers

Legal entity type

company

Contact information

Contact address

Address 1

215 Rue Jean Jacques Rousseau

Postal code

92130

Town

Issy-les-Moulineaux

Country

France

Phone

0033183642054

E-mail

or@ecomundo.eu

Carboxylic acids, C5-9

General information

Identification

SUBSTANCE: Carboxylic acids, C5-9

UUID: 48b58815-d8ee-4850-8d00-b8ce16657348

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.402Z

Remarks:

Substance name

Carboxylic acids, C5-9

Legal entity

[EcoMundo for twin rivers / Issy-les-Moulineaux / France](#)

Contact persons

Person

[Garçon, Pierre; EcoMundo](#)

Last name

Garçon

First name

Pierre

Organisation

EcoMundo

Phone

00 33 (0)1 83 64 20 53

Email

or@ecomundo.eu

Address 1

215, rue Jean-Jacques Rousseau

Postal code

92130

Town

Issy-les-Moulineaux

Country

France

Identification of substance

Reference substance

[Carboxylic acids, C5-9 / octanoic acid / 68603-84-9 / 271-676-4](#)

EC number	EC name
271-676-4	EC Inventory
CAS number	CAS name
68603-84-9	octanoic acid
IUPAC name	
octanoic acid	

Type of substance

Type of substance
UVCB

Origin
organic

Role in the supply chain

Manufacturer
false

Importer
false

Only representative
true

Downstream user
false

Composition

FLEXIBLE_RECORD: Composition.001

UUID: 768ae517-ce46-43c3-a60f-c101ba4c3bb7

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.428Z

Remarks:

General Information

Name

Carboxylic acids, C5-9

Type of composition

legal entity composition of the substance

State / form

liquid

Description

DESCRIBE THE PROCESS BEHIND THE PARTICULAR COMPOSITION OF THE UVCB SUBSTANCE

- Identity of starting materials/source (and ratio): Coconut oil or tallow/water

- Reaction steps/mechanisms:

1. Hydrolysis

2. Distillation

3. Fractionation

4. Hydrogenation

- Relevant operating parameters (e.g. temperature and pressure): 350F-450F

- Solvents/reagents used: None (water)

- Details on any extraction/isolation steps as appropriate: None

- Details on any clean-up/purification steps as appropriate: Distillation

- Physical-chemical parameters (e.g. boiling point):

Boiling point/Boiling range: >450°F (>232°C) @ 760 mm Hg (101.3kPa)

Flash Point & Method: 275°F (135°C) PMCC

Vapor pressure: @ 72°F (22°C) < 1 mm Hg

Relative density: 0.9 @ 72°F/22°C

Degree of purity

100

% (w/w)

Constituents

Reference substance

[hexanoic acid / hexanoic acid / 142-62-1 / 205-550-7](#)

EC number

205-550-7

EC name

EC Inventory

CAS number

142-62-1

CAS name

hexanoic acid

IUPAC name

hexanoic acid

Typical concentration

ca. 29.75 % (w/w)

Concentration range

>= 5 <= 50 % (w/w)

Reference substance[octanoic acid / octanoic acid / 124-07-2 / 204-677-5](#)**EC number**

204-677-5

EC name

EC Inventory

CAS number

124-07-2

CAS name

octanoic acid

IUPAC name

octanoic acid

Typical concentration

ca. 69.32 % (w/w)

Concentration range

>= 5 <= 80 % (w/w)

Reference substance[decanoic acid / decanoic acid / 334-48-5 / 206-376-4](#)**EC number**

206-376-4

EC name

EC Inventory

CAS number

334-48-5

CAS name

decanoic acid

IUPAC name

decanoic acid

Typical concentration

ca. 0.93 % (w/w)

Concentration range

>= 0 <= 2 % (w/w)

Analytical information

FLEXIBLE_RECORD: Analytical information.001

UUID: d4dc4240-9d72-407f-994f-2283d5fa3fe4

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.402Z

Remarks:

Analytical information

Methods and results of analysis

Analytical determination

Purpose of analysis

identification and quantification

Analysis type

chromatography – GC

IR

MS

NMR

UV/Vis

Type of information provided

methods and results

Attached methods/results

1_EC 271-676-4_V4.pdf / 2.89 MB (application/pdf)

Optical activity

no

Information requirements

Inquiry

FLEXIBLE_RECORD: Inquiry.001

UUID: 34f78c36-ff07-477f-a301-ebdc4629e27f

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.427Z

Remarks:

Type of inquiry

Specify the type of inquiry

Type 3: Inquiry for phase-in substance that has not been pre-registered

Information requirements

Information requirements requiring new studies to be conducted?

no

References

REFERENCE_SUBSTANCE: Carboxylic acids, C5-9

UUID: ECB5-8d8fd1a0-c123-4c00-a830-845df7dc88c2

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.359Z

Remarks:

General information

Reference substance name

Carboxylic acids, C5-9

Inventory

Inventory name

Carboxylic acids, C5-9

Inventory

EC

Inventory number

271-676-4

CAS number

68603-84-9

Molecular formula

Description

Reference substance information

IUPAC name

octanoic acid

Synonyms

Identity
Carboxylic acids, C5-9
Identity
Carboxylic acids, C5-9

CAS information

CAS number

68603-84-9

CAS name

octanoic acid

Related substances

Group / category information

DSL Category: UVCBs-organic

Molecular and structural information

Molecular weight

144.2114

SMILES notation

CCCCCCC(=O)O

InChI

InChI=1/C8H16O2/c1-2-3-4-5-6-7-8(9)10/h2-7H2,1H3,(H,9,10)

Structural formula



Remarks

DSL Category: UVCBs-organic

REFERENCE_SUBSTANCE: decanoic acid

UUID: ECB5-88eced41-61b0-48a3-bbb0-e43f7e6f103c

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.360Z

Remarks:

General information

Reference substance name

decanoic acid

Inventory

Inventory name

decanoic acid

Inventory

EC

Inventory number

206-376-4

CAS number

334-48-5

Molecular formula

C₁₀H₂₀O₂

Description

Reference substance information

IUPAC name

decanoic acid

Synonyms

Identity
Decanoic acid
Identity
Decanoic acid

CAS information

CAS number

334-48-5

CAS name

decanoic acid

Related substances

Group / category information

DSL Category: Organics

Molecular and structural information

Molecular formula

C₁₀H₂₀O₂

Molecular weight

172.2646

SMILES notation

CCCCCCCCC(=O)O

InChI

InChI=1/C₁₀H₂₀O₂/c1-2-3-4-5-6-7-8-9-10(11)12/h2-9H₂,1H₃,(H,11,12)

Structural formula



CONTACT: Garçon, Pierre; EcoMundo

UUID: 969589fe-4a21-3a95-8b1f-55ce3a908bae

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.356Z

Remarks:

General information

Last name

Garçon

First name

Pierre

Organisation

EcoMundo

Phone

00 33 (0)1 83 64 20 53

Email

or@ecomundo.eu

Address 1

215, rue Jean-Jacques Rousseau

Postal code

92130

Town

Issy-les-Moulineaux

Country

France

FR

REFERENCE_SUBSTANCE: hexanoic acid

UUID: ECB5-85191009-7d31-4b64-9b31-cf5e4de19285

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.359Z

Remarks:

General information

Reference substance name

hexanoic acid

Inventory

Inventory name

hexanoic acid

Inventory

EC

Inventory number

205-550-7

CAS number

142-62-1

Molecular formula

C₆H₁₂O₂

Description

Reference substance information

IUPAC name

hexanoic acid

Synonyms

Identity Hexanoic acid
Identity Hexanoic acid

CAS information

CAS number

142-62-1

CAS name

hexanoic acid

Related substances

Group / category information

DSL Category: Organics

Molecular and structural information

Molecular formula

C₆H₁₂O₂

Molecular weight

116.1583

SMILES notation

CCCCC(=O)O

InChI

InChI=1/C₆H₁₂O₂/c1-2-3-4-5-6(7)8/h2-5H₂,1H₃,(H,7,8)

Structural formula



REFERENCE_SUBSTANCE: octanoic acid

UUID: ECB5-616da894-2238-41a9-ad62-e5125865b9fe

Dossier UUID: a4d48fb7-f415-419b-bfe4-0c6421f6e515

Author: vhajj

Date: 2018-05-17T09:02:06.359Z

Remarks:

General information

Reference substance name

octanoic acid

Inventory

Inventory name

octanoic acid

Inventory

EC

Inventory number

204-677-5

CAS number

124-07-2

Molecular formula

C₈H₁₆O₂

Description

Reference substance information

IUPAC name

octanoic acid

Synonyms

Identity
Octanoic acid
Identity
Octanoic acid

CAS information

CAS number

124-07-2

CAS name

octanoic acid

Related substances

Group / category information

DSL Category: Organics

Molecular and structural information

Molecular formula

C₈H₁₆O₂

Molecular weight

144.2114

SMILES notation

CCCCCCC(=O)O

InChI

InChI=1/C₈H₁₆O₂/c1-2-3-4-5-6-7-8(9)10/h2-7H₂,1H₃,(H,9,10)

Structural formula

