



Name: R_1-10_PC / SUBSTANCE : Peroxide Hydrogen / Hydrogen peroxide / 7722-84-1
Fri, 9 Apr 2021, 17:19:28+0300 / Active Pure

Legal entity owner: Over the Dream srl / L'Aquila / Italy

Printing date: 2021-04-09T17:22:18.523+03:00

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DOSSIER: Active Pure

UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.224+03:00

Remarks:

Dossier header

Dossier submission type

Name

REACH Registration 1 - 10 tonnes, physicochemical requirements

Version

reach 6.0

Name (given by user)

Active Pure

Dossier subject

Dossier subject

[Peroxide Hydrogen / Hydrogen peroxide / 7722-84-1](#)

Public name

Submitting legal entity

[Over the Dream srl / L'Aquila / Italy](#)

Dossier creation date/time

Fri, 9 Apr 2021, 17:19:28+0300

Used in category

Type of submission

Joint submission

true

Tonnage band(s) of the registrant

Tonnage band

between 1 to 10 tonnes/year, physicochemical requirements

On-site isolated intermediates tonnage band (REACH Article 17)

between 1 to 10 tonnes/year

Transported isolated intermediates tonnage band (REACH Article 18)

between 1 to 10 tonnes/year

Specific submissions

The submission is an update
false

Dossier specific information

Phase-in status
phase-in

Document
Covid Lab ITALY_Integration.pdf / 9 MB (application/pdf)

Confidentiality claim on tonnage band
false

Compulsory information for isolated intermediates under REACH Article 17 and 18

Production (if applicable) and use under strictly controlled conditions
true

Registrant confirms that the intermediate is used in accordance with the conditions set out in Article 18 (4)
true

Registrant has received confirmation from the users that the intermediate is used in accordance with the conditions set out in Article 18 (4)
true

LEGAL_ENTITY: Over the Dream srl

UUID: ECHA-1376cdbf-7a4e-4b4b-b453-1c2505cd9006

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.310+03:00

Remarks:

General information

Legal entity name

Over the Dream srl

Address

Address 1

Via Carlo D'Andrea SNC

Postal code

67100

Town

L'Aquila

Country

Italy

IT

Phone

+393480903636

Email

Alessio.v.saracino@dataparsec.com

Peroxide Hydrogen

General information

Identification

Identification

SUBSTANCE: Peroxide Hydrogen

UUID: 349112a7-036f-4020-b079-7543acf72540

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.529+03:00

Remarks:

Substance name

Peroxide Hydrogen

Legal entity

[Over the Dream srl / L'Aquila / Italy](#)

Contact persons

Person

[Saracino, Alessio Vittorio; Delegate Over The dream](#)

Last name

Saracino

First name

Alessio Vittorio

Organisation

Delegate Over The dream

Contact Type

dossier contact

Identification of substance

Reference substance

[Peroxyde Hydrogen / Hydrogen peroxide / 7722-84-1](#)

EC number

EC name

CAS number

CAS name

7722-84-1

Perossido di Idogeno

IUPAC name

Hydrogen peroxide

Type of substance

Type of substance

mono-constituent substance

Origin

other: Physical Chemical Reaction

Role in the supply chain

Importer

true

Only representative

false

Composition

FLEXIBLE_RECORD: Composition.001

UUID: 9946193e-80cd-4c9d-91cb-b87dc679c258

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.445+03:00

Remarks:

General Information

Name

Active Pure - Perossido di Idrogeno

Type of composition

boundary composition of the substance

State / form

gas

Description

1) L'apparecchiatura in questione agisce come decontaminante e germicida, grazie alla tecnologia "ActivePure Technology", brevettata e certificata Space Technology come riassunto nel documento "ASP_BRO_AERUS MEDICAL GUARDIAN".

2) La "ActivePure Technology", si basa su reazioni fotocatalitiche che avvengono all'interno dell'apparecchiatura. Nello specifico, l'apparecchiatura è dotata di una ventola interna che consente di convogliare internamente l'aria dall'ambiente circostante in cui l'apparecchiatura stessa è ubicata. L'aria in ingresso subisce un primo passaggio attraverso un sistema filtrante che ha lo scopo di effettuare una prima decontaminazione. L'aria esce quindi dal filtro e viene convogliata nella cosiddetta cella "ActivePure" dove avvengono le suddette reazioni catalitiche. La cella è infatti dotata di due lampade UV e un fotocatalizzatore in biossido di titanio -TiO₂ -.

Com'è noto, il biossido di titanio è un ossido semiconduttore dotato di una elevata reattività per cui può essere chimicamente attivato dai raggi UV: l'energia (hν) dei raggi UV è in grado di promuovere un elettrone (e⁻) dalla banda di valenza a quella di conduzione, lasciandosi dietro una vacanza (h⁺), secondo la seguente reazione: $TiO_2 + h\nu \rightarrow h^+ + e^-$

Com'è noto, una caratteristica degli ossidi dei metalli semiconduttori quali il biossido di titanio, è il forte potere ossidante delle loro vacanze h⁺ che possono reagire con l'acqua assorbita sulla loro superficie, formando il radicale ossidrilico altamente reattivo (•OH), secondo la reazione seguente:

$H_2O + h^+ \rightarrow \bullet OH + H^+$

Le vacanze e i radicali ossidrilici sono entrambi fortemente ossidanti e come tali possono essere usati per ossidare la maggior parte dei contaminanti organici.

Inoltre l'ossigeno dell'aria agisce da accettore di elettroni, formando lo ione super-ossido: $O_2 + e^- \rightarrow \bullet O_2^-$

Proprio grazie ai due radicali -ione superossido e radicale ossidrilico- e vacanza h⁺, viene espletata l'azione germicida dell'apparecchiatura in questione.

3) In conclusione, come evidenziato nei due punti sovrastanti, il meccanismo d'azione dell'apparecchiatura è dovuto a reazioni fotocatalitiche.

Attached description / justification

Attached document

Covid Lab_english.pdf / 292.176 KB (application/pdf)

Degree of purity

[IP Declaration:

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[NAME, TITLE]

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[TELEPHONE NUMBER AND EMAIL ADDRESS]

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EU: CLP

Constituents

Reference substance

[Peroxyde Hydrogen / Hydrogen peroxide / 7722-84-1](#)

EC number

EC name

CAS number

CAS name

7722-84-1

Perossido di Idogeno

IUPAC name

Hydrogen peroxide

Identifiers

FLEXIBLE_RECORD: Identifiers.001

UUID: 0bdbad2d-027d-47aa-89df-51306ea67df4

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.459+03:00

Remarks:

Regulatory programme identifiers

Regulatory programme identifiers

Flags

[CBI Declaration:

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EU: BPR

Regulatory programme
Biocidal Products Regulation

Other IT system identifiers

Other IT system identifiers

Flags

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EU: BPR

Analytical Information

FLEXIBLE_RECORD: Analytical information.001

UUID: f92a1717-21d2-452d-afaf-d8f1021a2c88

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.453+03:00

Remarks:

Analytical information

[CBI Declaration:

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EU: BPR

Methods and results of analysis

Analytical determination

Purpose of analysis

identification

Analysis type

gas chromatography

Type of information provided

methods and results

Attached methods/results

Covid Lab_english.pdf / 292.176 KB (application/pdf)

Optical activity

no

Remarks

not necessary

Related composition(s)

Related composition(s)

[CORE / Composition / Composition.001 / Peroxide Hydrogen / Hydrogen peroxide / 7722-84-1](#)

Joint submission

FLEXIBLE_RECORD: Joint submission.001

UUID: 088b7e07-d748-4eda-9d43-77ba0315c6c3

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.448+03:00

Remarks:

General information

Joint submission name

Active Pure Technology

Regulatory programme

EU: BPR

Biocidal Products Regulation (EC) No 528/2012

Lead

[Over the Dream srl / L'Aquila / Italy](#)

Members

[Over the Dream srl / L'Aquila / Italy](#)

Sponsors

FLEXIBLE_RECORD: Sponsor.001

UUID: 1c2aad53-f963-4649-9030-c221e16f090d

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.461+03:00

Remarks:

Manufacture, use and exposure

Use and exposure information

Use and exposure information relevant for all uses

FIXED_RECORD: Use and exposure information relevant for all uses.001

UUID: 8b6a6b3a-61f5-4d2d-a4e8-9b9e4f163bea

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.436+03:00

Remarks:

Justification for no uses reported

substance directly exported

Justification for no exposure assessment

substance is only imported in mixture(s) where the concentrations is below those in REACH Article 14(2)

Physical and chemical properties

Appearance / physical state / colour

ENDPOINT_SUMMARY: Appearance / physical state / colour.001

UUID: c0cd1ecb-1c7d-458c-aa81-796974456b16

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.529+03:00

Remarks:

Link to relevant study record(s)

Study name / type

[OECD / Appearance / physical state / colour / GeneralInformation / Peroxide Hydrogen / Hydrogen peroxide / 7722-84-1](#)

ENDPOINT_STUDY_RECORD: GeneralInformation

UUID: 86c37912-9091-4d05-9f4e-94fd34186f7b

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.470+03:00

Remarks:

Administrative data

[CBI Declaration:

We, [NAME], claim [SHORT SUMMARY OF INFORMATION] confidential in accordance with [RELEVANT REFERENCE TO THE LEGISLATION].

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EU: BPR

Endpoint

appearance / physical state / colour

Type of information

experimental study

Adequacy of study

key study

Robust study summary

true

Reliability

4 (not assignable)

Rationale for reliability incl. deficiencies

test procedure in accordance with generally accepted scientific standards and described in sufficient detail

Reliability 1

Attached justification**Attached justification**

Covid Lab_english.pdf / 292.176 KB (application/pdf)

Data source**Reference**

[Active Pure / Nasa / study report](#)

Materials and methods**Test guideline****Qualifier**

according to guideline

Guideline

EPA OPPTS 830.6303 (Physical State)

Deviations

not applicable

Results and discussion**Physical state at 20°C and 1013 hPa**

gaseous

Overall remarks, attachments**Attached full study report**

EMISSIONI PEROSSIDO_low.pdf / 1.505 MB (application/pdf)

Solubility in organic solvents / fat solubility

ENDPOINT_STUDY_RECORD: Solubility in organic solvents / fat solubility.001

UUID: 7edad93d-2de7-4267-9f76-5b03a4c04991

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.509+03:00

Remarks:

Administrative data

Endpoint

solubility in organic solvents / fat solubility

Surface tension

ENDPOINT_STUDY_RECORD: Surface tension.001

UUID: 3819d6ad-0001-41f4-87b8-c7cfebe83d8b

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.514+03:00

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EU: BPR

Endpoint
surface tension

Flash point

ENDPOINT_STUDY_RECORD: Flash point.001

UUID: d7195d68-91f3-4c59-8b34-39fbb6402d77

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.517+03:00

Remarks:

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EU: BPR

Auto flammability

ENDPOINT_STUDY_RECORD: Auto flammability.001

UUID: 37e31e6c-03d3-4417-a955-93929f8e641f

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.465+03:00

Remarks:

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[Description of the nature of the claimant's commercial interest and demonstration that this commercial interest is worthy of protection by the non-disclosure of information. Demonstration of any specific measures the claimant has taken to keep the information claimed confidential secret to date.]

Demonstration of Potential Harm:

[Explanation of why release of the information claimed confidential would be likely to cause potential harm to the commercial interest and the specific nature of those harmful effects. A causal link between disclosure and such harmful effects should be clearly explained.]

Limitation to Validity of Claim:

[The period of time for which the claim will be valid: until a certain date, until the occurrence of a particular event (which should be clearly specified), or indefinitely.]

Contact Person:

[NAME, TITLE]

[POSTAL ADDRESS INCLUDING COMPANY NAME]

[TELEPHONE NUMBER AND EMAIL ADDRESS]

Masking Justification for Public Name: (Only required if IUPAC Name claimed confidential):

One Level Masking of IUPAC Name:

[No Justification required - simply state what is masked in the IUPAC name.]

Two Level Masking of IUPAC Name:

[Statement of what is masked in the IUPAC Name, and a well-reasoned justification of why the second level masking is necessary.]

Three Level Masking of IUPAC Name:

[Statement of what is masked in the IUPAC Name, and a well-reasoned justification of why the third level masking is necessary.]]

EU: BPR

Flammability

ENDPOINT_STUDY_RECORD: Flammability.001

UUID: 77c0ff01-3f06-471d-acb1-12681d7c1b1a

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.519+03:00

Remarks:

Administrative data

[CBI Declaration:

We, [NAME], claim [SHORT SUMMARY OF INFORMATION] confidential in accordance with [RELEVANT REFERENCE TO THE LEGISLATION].

We, [NAME], hereby declare that, to the best of our knowledge as of today ([DATE]), and in accordance with the due measures of protection that we have implemented, a member of the public should not be able to obtain access to the information claimed confidential without our consent or that of the third party whose commercial interests are at stake, and in particular that the information is not publicly available in any of the following public databases: [LIST OF DATABASES].

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Three Level Masking of IUPAC Name:

[Statement of what is masked in the IUPAC Name, and a well-reasoned justification of why the third level masking is necessary.]]

EU: BPR

Explosiveness

ENDPOINT_STUDY_RECORD: Explosiveness.001

UUID: f99d86b8-9c02-4596-b12e-8a08069b6f03

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.522+03:00

Remarks:

Administrative data

[CBI Declaration:

We, [NAME], claim [SHORT SUMMARY OF INFORMATION] confidential in accordance with [RELEVANT REFERENCE TO THE LEGISLATION].

We, [NAME], hereby declare that, to the best of our knowledge as of today ([DATE]), and in accordance with the due measures of protection that we have implemented, a member of the public should not be able to obtain access to the information claimed confidential without our consent or that of the third party whose commercial interests are at stake, and in particular that the information is not publicly available in any of the following public databases: [LIST OF DATABASES].

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[Statement of what is masked in the IUPAC Name, and a well-reasoned justification of why the third level masking is necessary.]]

EU: BPR

Oxidising properties

ENDPOINT_STUDY_RECORD: Oxidising properties.001

UUID: c917199d-79b1-47ae-8fb7-397a567ee4c6

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.524+03:00

Remarks:

Administrative data

[CBI Declaration:

We, [NAME], claim [SHORT SUMMARY OF INFORMATION] confidential in accordance with [RELEVANT REFERENCE TO THE LEGISLATION].

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Three Level Masking of IUPAC Name:

[Statement of what is masked in the IUPAC Name, and a well-reasoned justification of why the third level masking is necessary.]]

EU: BPR

Endpoint

oxidising gases

Type of information

experimental study

Adequacy of study

key study

Robust study summary

false

Reliability

3 (not reliable)

Rationale for reliability incl. deficiencies

test procedure in accordance with national standard methods

Reliability 1

Justification for type of information

JUSTIFICATION FOR DATA WAIVING

[Specific explanation in addition to field 'Justification for data waiving']

Literature search

FLEXIBLE_RECORD: Literature search.001

UUID: 32a5ae8c-c620-49c3-b68a-fe04f7c66dd5

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.456+03:00

Remarks:

Administrative data

[CBI Declaration:

We, [NAME], claim [SHORT SUMMARY OF INFORMATION] confidential in accordance with [RELEVANT REFERENCE TO THE LEGISLATION]).

We, [NAME], hereby declare that, to the best of our knowledge as of today ([DATE]), and in accordance with the due measures of protection that we have implemented, a member of the public should not be able to obtain access to the information claimed confidential without our consent or that of the third party whose commercial interests are at stake, and in particular that the information is not publicly available in any of the following public databases: [LIST OF DATABASES].

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[Statement of what is masked in the IUPAC Name, and a well-reasoned justification of why the third level masking is necessary.]]

EU: BPR

Information requirements

Annex III criteria

FIXED_RECORD: Annex III criteria.001

UUID: 53d2d4c4-d44f-4658-a5b8-7a43cd502c21

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.401+03:00

Remarks:

Justification for not meeting the REACH Annex III criteria —

Inventory of substances likely to meet Annex III criteria —

1. The substance is in the inventory of substances likely to meet the REACH Annex III criteria, published by ECHA.

yes

Annex III (a) criteria assessment —

2. Do any of the submitted REACH registrations or C&L notifications suggest a potential for C or M or R (category 1A or 1B) or PBT or vPvB properties for the substance?

no

3. Do any of the other regulatory data available for the substance (e.g. Annex VI of CLP) suggest a potential for C or M or R (category 1A or 1B) or PBT or vPvB properties for the substance?

no

4. Do any of the experimental data already available (e.g. in QSAR Toolbox) suggest a potential for C or M or R (category 1A or 1B) or PBT or vPvB properties for the substance?

no

5. Do any of the alternatives to test data (e.g. QSAR, read-across, in-vitro) suggest a potential for C or M or R (category 1A or 1B) or PBT or vPvB properties for the substance?

no

Annex III (b) criteria assessment —

Annex III (b) (i) —

6. Wide dispersive use(s), diffuse use(s) or use(s) by consumers for the substance itself, in mixtures or articles can be excluded.

no

Annex III (b) (ii) —

7. Do any of the submitted REACH registrations or C&L notifications suggest that the substance is likely to meet the classification criteria for any health or environmental hazard classes or differentiations?

no

8. Do any of the other regulatory data available for the substance (e.g. Annex VI of CLP) suggest that the substance is likely to meet the classification criteria for any health or environmental hazard classes or differentiations?

no

9. Do any of the experimental data already available (e.g. in QSAR Toolbox) suggest that the substance is likely to meet the classification criteria for any health or environmental hazard classes or differentiations?

no

10. Do any of the alternatives to test data (e.g. QSAR, read-across, in-vitro) suggest that the substance is likely to meet the classification criteria for any health or environmental hazard classes or differentiations?

no

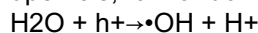
Remarks

1) L'apparecchiatura in questione agisce come decontaminante e germicida, grazie alla tecnologia "ActivePure Technology", brevettata e certificata Space Technology come riassunto nel documento "ASP_BRO_AERUS MEDICAL GUARDIAN".

2) La "ActivePure Technology", si basa su reazioni fotocatalitiche che avvengono all'interno dell'apparecchiatura. Nello specifico, l'apparecchiatura è dotata di una ventola interna che consente di convogliare internamente l'aria dall'ambiente circostante in cui l'apparecchiatura stessa è ubicata. L'aria in ingresso subisce un primo passaggio attraverso un sistema filtrante che ha lo scopo di effettuare una prima decontaminazione. L'aria esce quindi dal filtro e viene convogliata nella cosiddetta cella "ActivePure" dove avvengono le suddette reazioni catalitiche. La cella è infatti dotata di due lampade UV e un fotocatalizzatore in biossido di titanio -TiO₂-.

Com'è noto, il biossido di titanio è un ossido semiconduttore dotato di una elevata reattività per cui può essere chimicamente attivato dai raggi UV: l'energia (hν) dei raggi UV è in grado di promuovere un elettrone (e⁻) dalla banda di valenza a quella di conduzione, lasciandosi dietro una vacanza (h⁺), secondo la seguente reazione: $TiO_2 + h\nu \rightarrow h^+ + e^-$

Com'è noto, una caratteristica degli ossidi dei metalli semiconduttori quali il biossido di titanio, è il forte potere ossidante delle loro vacanze h⁺ che possono reagire con l'acqua assorbita sulla loro superficie, formando il radicale ossidrilico altamente reattivo (•OH), secondo la reazione seguente:



Le vacanze e i radicali ossidrilici sono entrambi fortemente ossidanti e come tali possono essere usati per ossidare la maggior parte dei contaminanti organici.

Inoltre l'ossigeno dell'aria agisce da accettore di elettroni, formando lo ione super-ossido: $O_2 + e^- \rightarrow \bullet O_2^-$

Proprio grazie ai due radicali -ione superossido e radicale ossidrilico- e vacanza h⁺, viene espletata l'azione germicida dell'apparecchiatura in questione.

3) In conclusione, come evidenziato nei due punti sovrastanti, il meccanismo d'azione dell'apparecchiatura è dovuto a reazioni fotocatalitiche.

Rationale for disregarding indications of meeting Annex III criteria

Justification for disregarding any indication of meeting the criteria of Annex III as declared above
none

Attached justification

Attached document

Covid Lab_english.pdf / 292.176 KB (application/pdf)

Opt-out information for REACH registration

FIXED_RECORD: Opt-out information for REACH registration.001

UUID: c67b16a7-667a-45f3-8a09-c8b40e2a2bda

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.431+03:00

Remarks:

Data selected for opt-out

Documents

[OECD / Auto flammability / Auto flammability.001 / Peroxide Hydrogen / Hydrogen peroxide / 7722-84-1](#)

Justification

Disclosure of commercially sensitive information is likely to cause you substantial commercial detriment to submit jointly

[Article 11(3) and article 19(2) of REACH requires that you submit, along with the dossier, an explanation to why disclosure of information was likely to lead to substantial commercial detriment. In order to consider your submission complete, you must answer all the 3 points below.]

1. Specify the information that you consider to be commercially sensitive, which would be disclosed if submitted jointly. Consider that after registration, information from your registration dossier will be made publicly available on ECHA's website in accordance with Article 119 of REACH.

[Examples of commercially sensitive information:

- Degree of purity and/or the identity of dangerous impurities or additives
- Tonnage band
- Robust study summary and study summaries
- Uses
- Trade name
- Patent-related issues
- Indication of manufacturing process]
- [free text]

2. Explain the substantial commercial detriment it is likely to cause you:

- [free text]

References

LITERATURE: Active Pure

UUID: 6369a6f9-ea12-4a9a-a8eb-a893af560ed1

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.309+03:00

Remarks:

General information

Reference Type

study report

Title

Active Pure

Author

Nasa

Year

2020

Attached (sanitised) documents for publication

MedicalGuardian_BioTestResults.pdf / 4.459 MB (application/pdf)

REFERENCE_SUBSTANCE: Peroxyde Hydrogen

UUID: 27900386-c266-499c-9b08-91b40aa418a5

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.312+03:00

Remarks:

Reference substance name

Peroxyde Hydrogen

IUPAC name

Hydrogen peroxide

Inventory

CAS number

7722-84-1

CAS name

Perossido di Idrogeno

Molecular and structural information

Molecular formula

$\text{H}_2\text{O} + \text{h}^+ \rightarrow \cdot\text{OH} + \text{H}^+$

Molecular weight

ca. 34.015

$\leq$ 34.015

Structural formula



CONTACT: Saracino, Alessio Vittorio; Delegate Over The dream

UUID: eda4a622-c0b8-43a0-ac7d-f6fc69eb0de8

Dossier UUID: 6165b290-91e3-4207-b18f-a92e24c60137

Author: alessiosaracino

Date: 2021-04-09T17:19:28.295+03:00

Remarks:

General information

Contact type

dossier contact

Last name

Saracino

First name

Alessio Vittorio

Organisation

Delegate Over The dream