

Downstream users: Navigating ECHA's website for information on chemical substances

Information on registered substances

Monique Pillet

19 September 2013

11:00 - 13:00 Helsinki Time (EEST, GMT +3)

Search for chemicals tool

Overview of the regulatory status of a chemical



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Addressing Chemicals
of Concern

**Information on
Chemicals**

Chemicals in our Life

Support

ECHA > Homepage






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14 August 2013 - News alert

Public consultation on the first Application for Authorisation for Bis(2-ethylhexyl) phthalate (DEHP)

ECHA has received the first application for authorisation under the REACH Regulation. The application, made by Rolls-Royce plc., concerns the substance Bis(2-ethylhexyl) phthalate (DEHP). The use applied for is the processing of a stop-off formulation containing DEHP during the diffusion bonding and manufacture of aero engine fan blades.

Search for Chemicals

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Name, EC or CAS No



News

19 August 2013 - News alert

ECHA publishes Guidance on applications for technical equivalence concerning biocides

This guidance document is intended to inform potential applicants about how and when they need to apply for an assessment of technical equivalence of an active substance and on the procedural steps in making such an application under Article 54 of the Biocidal Products Regulation (Regulation (EU) No 528/2012, (BPR)).

01 August 2013 - Press release

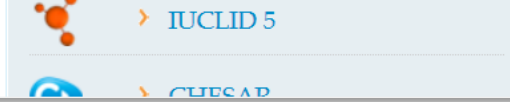
Board of Appeal's press release: The Board of Appeal annuls an ECHA decision

The Board of Appeal has annulled an ECHA decision because it failed to clearly and precisely communicate an important deadline in the decision-making process to the Registrant in due time. The Board of Appeal has remitted the case to ECHA for re-evaluation.

24 July 2013 - News alert

Use IUCLID to prepare your summary of biocidal product characteristics

The IUCLID Report Generator helps applicants in preparing the summary of product characteristics (SPCs) for biocidal product authorisation applications. This tool also supports the creation of chemical safety reports (CSRs) under REACH and replaces the CSR plug-in.



Information on Chemicals

The 'Information on Chemicals' section is the 'gateway' to ECHA's public databases on chemical substances, which contain a plethora of information about chemicals in Europe.

Search for Chemicals

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Name, EC or CAS No



REACH



- > Registered substances
- > Pre-registered substances
- > Substances identified by industry to be registered by 31 May 2013
- > Identified substances for registration in 2010
- > Registration statistics
- > Testing Proposals
- > Transitional Measures
- > Community Rolling Action Plan (CoRAP)
- > Candidate List substances in articles
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- > Overview of downstream user reports

CLP



- > C&L Inventory
- > C&L Platform

Biocidal Products Regulation



- > Biocidal Active Substances
- > Biocidal Products

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107-06-2

REACH



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Biocidal Products Regulation



- > Biocidal Active Substances
- > Biocidal Products

Search Chemicals

Search for Chemicals

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Results

Category

[Pre Registered Substances \(1\)](#)

[Registered Substances \(1\)](#)

[C&L Inventory \(1\)](#)

[Consultation on the draft of 20 June 2012 of ECHA's 4th recommendation \(1\)](#)
Current

[Candidate list \(1\)](#)

[Registry of submitted SVHC intentions \(1\)](#)

[Identification of Substances of Very High Concern \(1\)](#)
Current Previous

[Agreements of the MSC on identification of Substances of Very High Concern \(1\)](#)

[Substances in articles \(1\)](#)

[Fourth recommendation for inclusion in the Authorisation List \(1\)](#)

Search Chemicals

Search for Chemicals

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107-06-2



Results

Category

[Pre Registered Substances \(1\)](#)

[Registered Substances \(1\)](#)

[C&L Inventory \(1\)](#)

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Search Chemicals

Search for Chemicals

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Results

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Pre Registered Substances (1)

Registered Substances (1)

C&L Inventory (1)

Consultation on the draft of 20 June 2012 of ECHA's 4th recommendation (1)
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Current Previous

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Substances in articles (1)

Fourth recommendation for inclusion in the Authorisation List (1)

Search Chemicals

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Results

Category

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[Registered Substances \(1\)](#)

[C&L Inventory \(1\)](#)

[Consultation on the draft of 20 June 2012 of ECHA's 4th recommendation \(1\)](#)
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[Candidate list \(1\)](#)

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[Fourth recommendation for inclusion in the Authorisation List \(1\)](#)

Search Chemicals

Search for Chemicals

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615-036-8



Results

Category

Pre Registered Substances (1)

Not registered?

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- Biocidal Products Regulation

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- The EU is leading the world on safer chemicals
- Animal testing under REACH
- Nanomaterials

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- Information for registrants
- Webinars
- Dossier Submission

Not registered?

| Situation | Reason |
|--|--------------------------------|
| Substance manufactured or imported at less than 1 tonne per year | Registration not needed |
| Phase-in substance imported at less than 100 tonnes per year | Deadline for registration 2018 |

If any doubt, contact your supplier!

Search for chemicals, summary

- Access from ECHA home page or “Information on Chemicals” tab
- **EC or CAS** number search recommended
- **Overview** of and access to all REACH and CLP processes, lists, registries and consultations relevant to the chemical

“Information on Chemicals” section

- Who has registered the substance?
- What uses have been identified?
- Guidance on safe use

And more...



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REACH



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- > C&L Platform

Biocidal Products Regulation



- > Biocidal Active Substances
- > Biocidal Products
- > List of active substance suppliers













Registered substances

Chemical Substances Search

Last updated 13 August 2013. Database contains 9 952 unique substances and contains information from 40 329 dossiers.

NB: The Tonnage band column contains aggregated total tonnage band values per joint / individual submission. These values are calculated from the non-confidential tonnage data of ALL registrants in a joint submission.

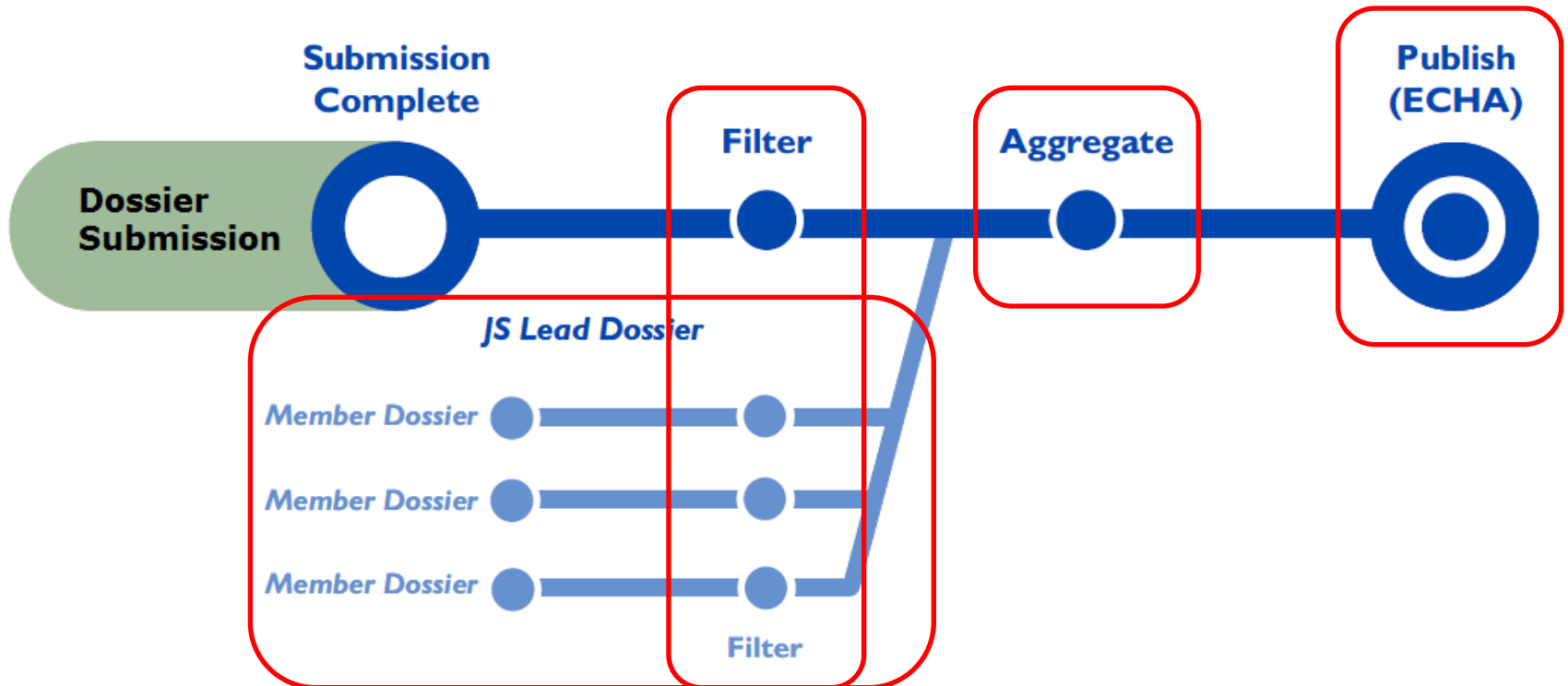
Registered Substances

| | | | |
|---|----------------------|--|----------------------|
| EC / List number  | <input type="text"/> | Registration Number  | <input type="text"/> |
| CAS Number  | <input type="text"/> | Registrant  | <input type="text"/> |
| Name  | <input type="text"/> | Total tonnage band (min)  | <input type="text"/> |
| Total tonnage band (min)  | <input type="text"/> | Total tonnage band (max)  | <input type="text"/> |
| Country in which registered  | <input type="text"/> | Registration type  | <input type="text"/> |
| PBT Assessment outcome  | <input type="text"/> | Submission type  | <input type="text"/> |

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[Download the list in .xls format](#)

Dossier processing



Registered substances

Chemical Substances Search

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Registered Substances

| | | | |
|-------------------------------|---------------------------------------|---|--------------------------------------|
| EC / List number ⓘ | <input type="text"/> | Registration Number ⓘ | <input type="text"/> |
| CAS Number ⓘ | <input type="text" value="107-06-2"/> | Registrant ⓘ | <input type="text"/> |
| Name ⓘ | <input type="text"/> | Total tonnage band (min) ⓘ | <input type="text"/> |
| Total tonnage band (min) ⓘ | <input type="text"/> | Total tonnage band (max) ⓘ | <input type="text"/> |
| Country in which registered ⓘ | <input type="text"/> | Registration type ⓘ | <input type="text"/> |
| PBT Assessment outcome ⓘ | <input type="text"/> | Submission type ⓘ | <input type="text"/> |
| | | <input checked="" type="checkbox"/> I have read and I accept the legal notice | |
| | | <input type="button" value="Search"/> | <input type="button" value="Reset"/> |

[Download the list in .xls format](#)

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Registered Substances

| | | | |
|-----------------------------|---------------------------------------|--------------------------|----------------------|
| EC / List number | <input type="text"/> | Registration Number | <input type="text"/> |
| CAS Number | <input type="text" value="107-06-2"/> | Registrant | <input type="text"/> |
| Name | <input type="text"/> | Total tonnage band (min) | <input type="text"/> |
| Total tonnage band (min) | <input type="text"/> | Total tonnage band (max) | <input type="text"/> |
| Country in which registered | <input type="text"/> | Registration type | <input type="text"/> |
| PBT Assessment outcome | <input type="text"/> | Submission type | <input type="text"/> |

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To the published dossier [VIEW](#)

| EC / List No. | CAS No. | Name | Registration type | Submission type | Tonnage band | |
|---------------|----------|--------------------|-------------------|------------------|---|--|
| 203-458-1 | 107-06-2 | 1,2-dichloroethane | Full | Joint Submission | 1,000,000 - 10,000,000 tonnes per annum | |

1,2-dichloroethane

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■ **Guidance on safe use**

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Identification

Substance identification

1,2-dichloroethane

EC Number 203-458-1

EC Name 1,2-dichloroethane

CAS Number 107-06-2

Molecular formula C₂H₄Cl₂

IUPAC Name 1,2-dichloroethane



Type of substance

Composition mono constituent substance

Origin organic

Trade names

1,2-dichloroethane (EDC)

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1,2-dichloroethane

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Registrants / Suppliers

ANWIL SA Torunska 222, 87-805, Wloclawek kuj-pom, Poland
ARKEMA QVC 420 rue d'Estienne d'Orves, 92700, Colombes, France
BASF SE Carl-Bosch-Str. 38, 67056, Ludwigshafen am Rhein Rheinland-Pfalz, Germany
Bayer Pharma AG Muellerstr. 178, 13353, Berlin, Germany
BorsodChem Bolyai ter 1, 3700, Kazincbarcika, Hungary
DOW DEUTSCHLAND ANLAGENGESELLSCHAFT mbH Am Kronberger Hang 4, D-65824, Schwalbach, Germany
DOW OLEFINVERBUND GMBH Strasse B 13, D-06258, Schkopau, Germany
Ercros SA Avenida Diagonal 593-595, 08014, Barcelona, Spain
Evonik Degussa GmbH Rellinghauser Straße 1 - 11, 45128, Essen North Rhine-Westfalia, Germany
FORTISCHEM a.s. M.R.Stefanika 1, 972 71, Novaky, Slovakia
INEOS ChlorVinyls Belgium H.Hartlaan, 21, BE-3980, Tessenderlo, Belgium
INEOS Chlorvinyls Limited PO Box 9 South Parade, WA7 4JE, Runcorn Cheshire, United Kingdom
INEOS Norge AS Rafnes, N-3966, STATHELLE, Norway
INEOS Sverige AB Hjälmarävågen, 444 83, Stenungsund, Sweden
INEOS Vinyls Deutschland GmbH Inhausersieler Str. 25, 26388, Wilhelmshaven Niedersachsen, Germany
Infineum UK Ltd PO Box 1 Milton Hill, OX13 6BB, Abingdon Oxfordshire, United Kingdom
Infineum UK Ltd PO Box 1 Milton Hill, OX13 6BB, Abingdon Oxon, United Kingdom
Instituto Suizo para el Fomento de la Seguridad-Swissi España S.L.U. c. Lope de Vega, 30 entlo, 08005, Barcelona, Spain
INTERTEK FRANCE ZAC Ecoparc II, 27400, HEUDEBOUVILLE, France
Kem One IMMEUBLE SOLARIS 210 Avenue Jean JAURES, 69007, LYON, France
Laboratoires Expanscience 10 Avenue de l'Arche Regulatory affairs, 92419, COURBEVOIE Cedex, France
Mitsubishi International GmbH Kennedydamm 19, 40476, Düsseldorf NRW, Germany
OLTCHIM SA Uzinei , 240050, Ramnicu Valcea Valcea, Romania
Petrochemical Commercial Company (UK) Ltd 24, GROSVENOR GARDENS, SW1W 0DH, LONDON EUROPE, United Kingdom
SABIC Petrochemicals B.V. Europaboulevard 1, 6135 LD, Sittard, Netherlands
Shin-Etsu PVC B.V. Noorderweg 68, 1221AB, Hilversum, Netherlands
Sigma-Aldrich Company Limited The Old Brickyard, New Road, SP8 4XT, Gillingham, United Kingdom
Sigma-Aldrich Logistik GmbH Riedstrasse 2, 89555, Steinheim, Germany
Solvay-Electrolyse-France S.A.S. RUE DE CLICHY 25, 75009, PARIS, France

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1,2-dichloroethane

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SOLVIN GMBH UND CO. KG HANS-BOECKLER-ALLEE 20, 30173, HANNOVER, Germany
 Solvin SA rue de Ransbeek 310, 1120, BRUSSELS, Belgium
 SOLVIN SPAIN, S.L. Marie Curie 1-3-5, 08760, MARTORELL, Spain
 SPOLANA a.s. Ul. Práce 657, 277 11, Neratovice, Czech Republic
 Syndial Piazza Boldrini 1, 20097, San Donato Milanese Milano, Italy
 VESTOLIT GmbH & Co. KG Paul-Baumannstr. 1, 45772, Marl, Germany
 Vinnolit GmbH & Co. KG Carl-Zeiss-Ring 25, 85737, Ismaning, Germany
 VINYLEOS 420 rue d'Estienne d'Orves, 92700, Colombes, France
 Vinyls Italia S.p.A. via della chimica, 5, 30175, Venezia Marghera, Italy

Registration Numbers

| | | |
|-----------------------|-----------------------|-----------------------|
| 01-2119484658-20-0000 | 01-2119484658-20-0001 | 01-2119484658-20-0002 |
| 01-2119484658-20-0003 | 01-2119484658-20-0004 | 01-2119484658-20-0005 |
| 01-2119484658-20-0006 | 01-2119484658-20-0007 | 01-2119484658-20-0008 |
| 01-2119484658-20-0009 | 01-2119484658-20-0010 | 01-2119484658-20-0011 |
| 01-2119484658-20-0012 | 01-2119484658-20-0013 | 01-2119484658-20-0014 |
| 01-2119484658-20-0015 | 01-2119484658-20-0016 | 01-2119484658-20-0017 |
| 01-2119484658-20-0018 | 01-2119484658-20-0020 | 01-2119484658-20-0021 |
| 01-2119484658-20-0022 | 01-2119484658-20-0023 | 01-2119484658-20-0024 |
| 01-2119484658-20-0025 | 01-2119484658-20-0026 | 01-2119484658-20-0027 |
| 01-2119484658-20-0028 | 01-2119484658-20-0029 | 01-2119484658-20-0030 |
| 01-2119484658-20-0031 | 01-2119484658-20-0032 | 01-2119484658-20-0033 |
| 01-2119484658-20-0034 | 01-2119484658-20-0035 | 01-2119484658-20-0036 |
| 01-2119484658-20-0037 | 01-2119484658-20-0038 | 01-2119484658-20-0039 |
| 01-2119484658-20-0040 | [Confidential] | |

Chemical Safety Assessment

Performed for this substance Yes

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1,2-dichloroethane

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SOLVIN GmbH und Co. KG Hans-Böckler-Allee 20, 30173, Hannover, Germany
 Solvin SA rue de Ransbeek 310, 1120, BRUSSELS, Belgium
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| 01-2119484658-20-0003 | 01-2119484658-20-0004 | 01-2119484658-20-0005 |
| 01-2119484658-20-0006 | 01-2119484658-20-0007 | 01-2119484658-20-0008 |
| 01-2119484658-20-0009 | 01-2119484658-20-XXXX | 01-2119484658-20-0011 |
| 01-2119484658-20-0012 | 01-2119484658-20-0013 | 01-2119484658-20-0014 |
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| 01-2119484658-20-0018 | 01-2119484658-20-0020 | 01-2119484658-20-0021 |
| 01-2119484658-20-0022 | 01-2119484658-20-0023 | 01-2119484658-20-0024 |
| 01-2119484658-20-0025 | 01-2119484658-20-0026 | 01-2119484658-20-0027 |
| 01-2119484658-20-0028 | 01-2119484658-20-0029 | 01-2119484658-20-0030 |
| 01-2119484658-20-0031 | 01-2119484658-20-0032 | 01-2119484658-20-0033 |
| 01-2119484658-20-0034 | 01-2119484658-20-0035 | 01-2119484658-20-0036 |
| 01-2119484658-20-0037 | 01-2119484658-20-0038 | 01-2119484658-20-0039 |
| 01-2119484658-20-0040 | [Confidential] | |

Chemical Safety Assessment

| | |
|------------------------------|-----|
| Performed for this substance | Yes |
|------------------------------|-----|

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Date 14.11.2012

Previous date: 19.10.2012

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1 Product identifier

1.1.1 Commercial Product Name

Synonyms: Hydrated lime, Calcium dihydroxide, Slaked lime, Air slaked lime, Building lime, Fat lime, Chemical lime, Finishing lime, Mason's lime, Calcium dihydroxide, Calcium hydroxide, Calcium hydrate, Lime, Lime water.

Chemical name and formula: Calcium dihydroxide - Ca(OH)₂

CAS: 1305-62-0

EINECS: 215-137-3

Molecular weight: 74,09 g/mol

REACH registration number:

Finland: 01-2119475151-45-0031

Sweden: 01-2119475151-45-0035

Estonia: 01-2119475325-36-0023

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Recommended use

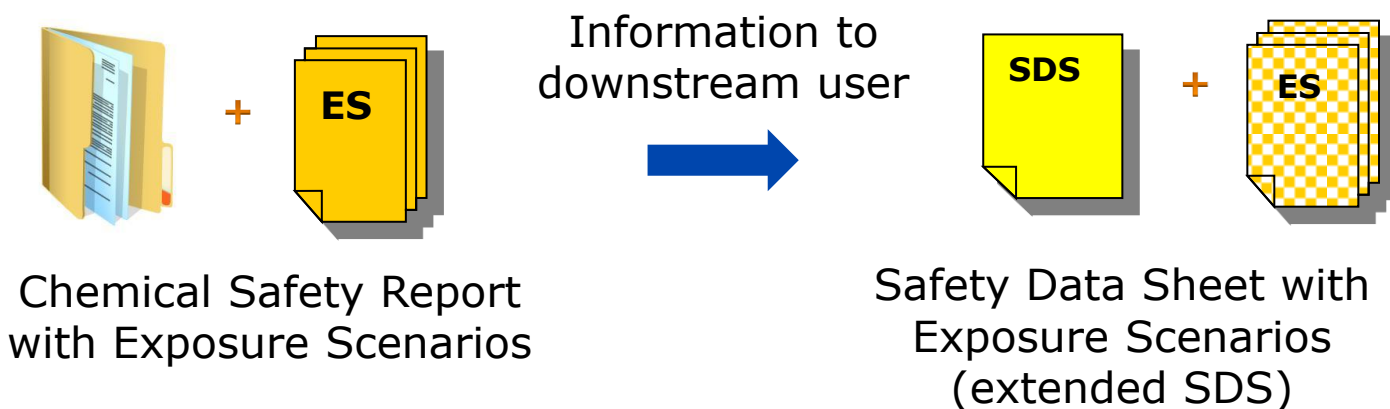
The substance is intended for the following non-exhaustive list of uses:

Building material industry, Chemical industry, Agriculture, Biocidal use, Environmental protection (e.g. flue gas treatment, waste water treatment, sludge treatment), Drinking water treatment, Feed, food and pharmaceutical industry, Civil engineering, Paper and paint industry

Please check the identified uses in table 1 of the Appendix of this SDS.

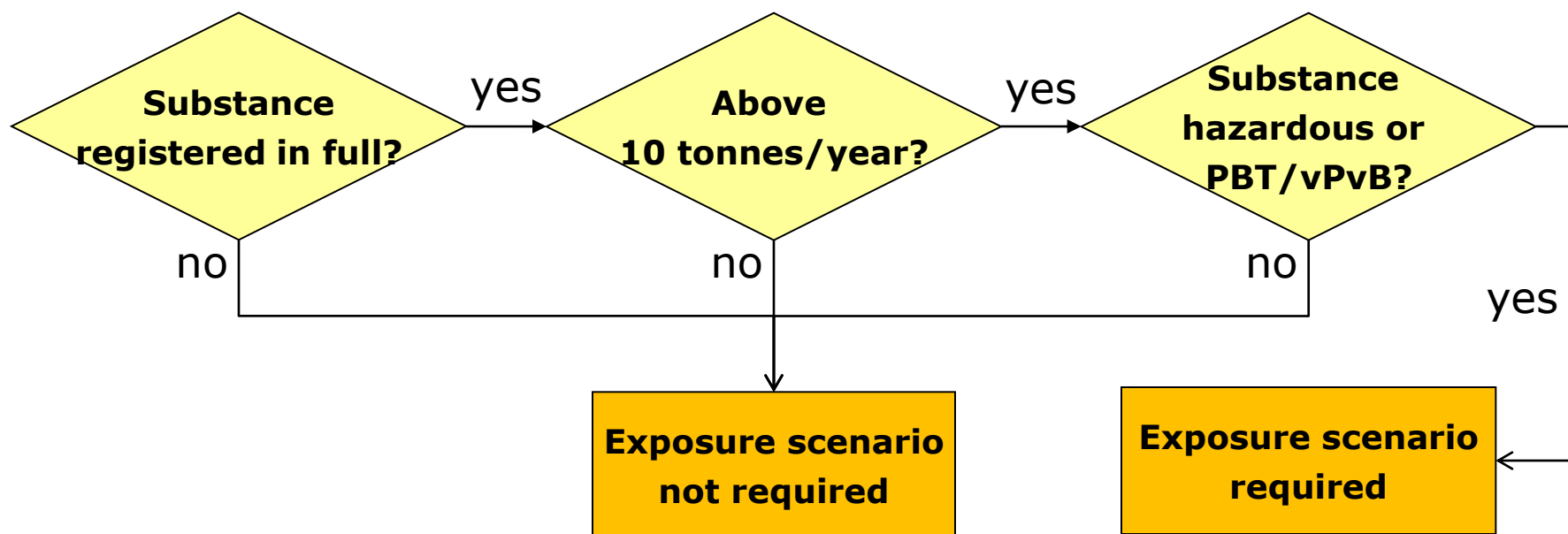
Uses advised against: There are no uses advised against.

Should I get an exposure scenario?



- The Exposure Scenario gives appropriate operational conditions and risk management measures to protect human health and the environment for the relevant uses of the substance
- Downstream users have to check compliance with these conditions of use, or take other actions

When to expect an exposure scenario?



- ECHA dissemination portal does not confirm if exposure scenario should be provided
- If you think you should be provided with an exposure scenario, we recommend that you to contact your supplier.

1,2-dichloroethane

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Environmental fate and pathways

Ecotoxicological Information

Toxicological Information

Guidance on safety data sheets

Other relevant substances

**Formulators,
also check the
C&L Inventory**

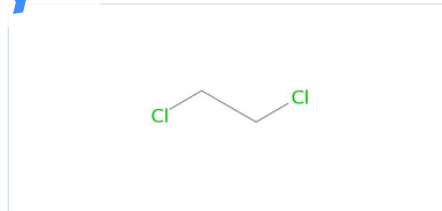
Identification | Registration data | Administrative data

Identification

Substance identification

1,2-dichloroethane

| | |
|-------------------|---|
| EC Number | 203-458-1 |
| EC Name | 1,2-dichloroethane |
| CAS Number | 107-06-2 |
| Molecular formula | C ₂ H ₄ Cl ₂ |
| IUPAC Name | 1,2-dichloroethane |



Type of substance

| | |
|-------------|----------------------------|
| Composition | mono constituent substance |
| Origin | organic |

Trade names

| | |
|--|--------------------------|
| | 1,2-dichloroethane (FDC) |
|--|--------------------------|

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1,2-dichloroethane

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Identified uses

Information on uses

Manufacture

| | |
|--------------------------------|---|
| | Manufacture of the substance and use as an intermediate on site |
| Process category | PROC 2: Use in closed, continuous process with occasional controlled exposure PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC 15: Use as laboratory reagent |
| Environmental release category | ERC 1: Manufacture of substances |
| | Manufacture of the substance and use as an intermediate on site |
| Process category | PROC 2: Use in closed, continuous process with occasional controlled exposure PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC 15: Use as laboratory reagent |
| Environmental release category | ERC 1: Manufacture of substances |
| | Manufacture of the substance |
| Process category | PROC 1: Use in closed process, no likelihood of exposure PROC 2: Use in closed, continuous process with occasional controlled exposure PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC 15: Use as laboratory reagent |

1,2-dichloroethane

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Uses advised against

Information on uses advised against

Formulation

Formulation of degreasing solvents and adhesives

Non intermediate uses

Process category

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises
 PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)
 PROC 6: Calendering operations
 PROC 7: Industrial spraying
 PROC 10: Roller application or brushing
 PROC 11: Non industrial spraying
 PROC 12: Use of blowing agents in manufacture of foam
 PROC 13: Treatment of articles by dipping and pouring
 PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation
 PROC 15: Use as laboratory reagent
 PROC 16: Using material as fuel sources, limited exposure to unburned product to be expected
 PROC 17: Lubrication at high energy conditions and in partly open processes
 PROC 18: Greasing at high energy conditions
 PROC 19: Hand-mixing with intimate contact and on-line available.
 PROC 20: Heat and pressure transfer fluids in dispersive, professional use, out of systems
 PROC 21: Low energy manipulation of substances bound in materials and/or articles
 PROC 22: Potentially closed processing operations with minerals, metals, at elevated temperature. Industrial setting
 PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature
 PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles

Downstream User Chemical Safety Report?

1,2-dichloroethane

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Guidance on safe use.001

First-aid measures | Fire-fighting measures | Accidental release measures | Handling and storage | Transport information | Exposure controls / personal protection | Stability and reactivity | Disposal considerations

First-aid measures

General advice : Take off immediately all contaminated clothing including shoes

Inhalation : Move patient from contaminated area to fresh air. Oxygen or artificial respiration if needed. Keep under medical surveillance. In case of problems : Hospitalise

Skin contact : Wash immediately, abundantly and thoroughly with soap and water. If significant contact: Keep under medical surveillance, Hospitalise

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an ophthalmologist immediately

Ingestion : Do NOT induce vomiting. In case of problems : Consult a doctor, Hospitalise

Protection of first-aiders : If entering a saturated atmosphere, wear a self contained breathing apparatus

Notes to physician : Do not administer catecholamines (because of the cardiac effect caused by the product)

Fire-fighting measures

Suitable extinguishing media : Carbon dioxide (CO₂), Foam, Dry powder, Water spray

Specific hazards :

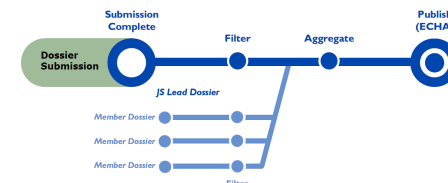
- Highly flammable. Vapours may form explosive mixture with air.
- Thermal decomposition giving toxic and corrosive products
- Formation of : Hydrogen chloride gas
- At high temperature: Phosgene

**If disagree,
contact your
supplier!**

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Chemical substance search, summary

- Access from “Information on Chemicals” section of ECHA webpage
- Information extracted from **registration dossiers**
- **Processing** (filtering and aggregation) before **publication**
- **Registration number** can be used as search criteria



Published useful information, summary

Registrants' names
(unless confidentiality
claim)



Who has registered the
substance, can I find
alternative supplier?

Classification and
Labelling



Especially relevant for
formulators

All identified uses and
uses advised against



Obligations related to
extended SDS

Guidance on safe use



Obligations related to
extended SDS

Conclusion

A lot of information is available.

If you are unsure about the information your suppliers have provided, contact them!



Thank you!

<http://echa.europa.eu/contact/helpdesk-contact-form>