A close-up of a logo

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Harmonised Offshore Chemical Notification Format (HOCNF) **[[1]](#footnote-2) [[2]](#footnote-3)**

OSPAR Agreement 2023-09, 2025 Update

Source: OIC 25/18/01 Annex 13

The Harmonised Offshore Chemical Notification Format is to provide authorities with data and information about chemicals to be used and discharged offshore, to enable the authorities to take the appropriate regulatory action in accordance with the scope of OSPAR Decision 2000/02.

Further definitions and explanations of terms used in HOCNF are given in the OSPAR Guidelines for Completing the Harmonised Offshore Chemical Notification Format (OSPAR Agreement 2012-05, as amended).

**Part 1: General information**

**1.1 Trade name**

|  |  |
| --- | --- |
| State trade name(s): |  |

**1.2 Supplier and background information as regards substance/preparation**

|  |  |
| --- | --- |
| Name: |  |
| Company number: |  |
| Postal address: |  |
| Phone no.: |  |
| Emergency phone (24 hours): |  |
| E-Mail address: |  |

OSPAR Contracting Parties in which the preparation is used:

(including alternative trade names used in those countries by this supplier)

**1.3** A Safety Data Sheet must be attached to this HOCNF format. Confirm:  Yes

**1.4 Use and discharge**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Application group | Function\* | Process system\*\* | Normal dose rate  (confirm units)\*\*\* | Flow\*\*\*\* | Probable scale of use per installation (specify units | Closed or open system | If open, estimated discharge (%) | Frequency of treatment | Probable amount of substance/preparation discharged (specify units) | Duration of discharge | Total estimated amount of discharge (tonnes) |
| Drilling #  Cementing  Completion#1  Stimulation#  Production#  Utility#  Other (state) # |  |  |  |  |  |  |  |  |  |  |  |

\* Function is defined as the process for which the substance/preparation is normally or primarily used, and should be one of those listed in Appendix 2 of the HOCNF Guidelines.

\*\* state the process system to which the substance/preparation will be applied: water or total fluids; or list the sections of a well in which the drilling chemicals will be used; or detail one of the four CHARM sub-algorithms for cementing or completion chemicals.

\*\*\* confirm standard units, as per CHARM Manual (<https://eosca.eu/wp-content/uploads/2025/02/CHARM-User-Guide-Version-1-6.pdf>), e.g. mg.l-1 (as in equations 1, 19-22), kg or wt% (as in equation 12), ppb (pounds per barrel as in equation 13)

\*\*\*\* state type of flow (oil/gas) on which dose is based

#  delete if not applicable

1 completion/workover

**1.5.a General physical properties**

If the preparation is a mixture of a solid and liquid, state whether it is a:

 Suspension  Emulsion  Gel  Other

Does the preparation separate in sea water to give materials that are (tick all that apply):

 Floating  Sinking  Soluble

Comments:

|  |
| --- |
|  |

**1.5.b Fate**

Explain the likely fate of the substance/preparation:

|  |
| --- |
|  |

**1.6 Composition**

a) State the chemical composition of the substances present in the offshore chemical

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Substance  Name (and trade name where applicable) | Percentage composition\* | CAS No. | EINECS or ELINCS or REACH  Registration No. | Molecular weight | REACH  Annex IV | REACH  Annex V | PLONOR |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | -8 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

\* The entries should add up to 100%

Comments:

|  |
| --- |
|  |

b) Content[[3]](#footnote-4) [[4]](#footnote-5) [[5]](#footnote-6) [[6]](#footnote-7) [[7]](#footnote-8)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Substance Name  (include trade name where applicable and biocidal product type where applicable) | OSPAR LCPA | OSPAR LSPC | REACH  Annex XIV | REACH Annex XVII | Surfactant | Heavy metals or heavy metal compound | Organo-halogen compounds | Radioactive substances | Plastic | Microplastic | Nanomaterials | Compliance with / Regulated by BPR |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

Traces of heavy metals, LCPA, LSPC or radioactive substances should also be entered here.

c) If “Yes” in any of columns 2 to 9 for one or more substances in Table 1.6b , please state the details and the concentration of the impurity/component in the table below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CAS No / name | Compound / contaminant | Concentration (ppm) | Intentional additive (Y/N) | Analytical methodology | If surfactant | |
| Fraction released | Documentation /reference  to laboratory test |
|  |  |  |  |  |  |  |

**Part 2: Ecotoxicological information**

Please provide the following information:

a. Is the substance (or all substances of which the preparation is composed) on the OSPAR List of Substances / Preparations Used and Discharged Offshore Which are Considered to Pose Little or no Risk to the Environment (PLONOR) or covered by REACH EC1907/2006 Annex IV or relevant categories of Annex V?

Yes  - no ecotoxicological information is required, please proceed with Part 3

No  - please complete Part 2 in full in accordance with the OSPAR Guidelines for completing the HOCNF

**Please note: In addition to fully completed HOCNFs, reports for any non-testing methods or weight of evidence approach must be provided in electronic format (e.g. word or pdf).**

**On the following pages, a new sub-section should be created for each individual substance listed in Table 1.6a.**

Data are not required for substances which are PLONOR or covered by REACH EC1907/2006 Annex IV or relevant categories of Annex V.

**2.1 Substance 1**

|  |  |
| --- | --- |
| Test substance: |  |

***2.1.1* Partitioning and bioaccumulation potential**

***Log Pow (mandatory) – not applicable for surfactants***

The N-octanol / water partition coefficient is only required for organic substances and organo-metals. For preparations individual information for all substances deliberately added is requested.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Substance | Peak No. | Log Pow | % area under peak | Weighted average log Pow \* | Lab ID\*\* | Method\*\*\* | Report ID |
|  |  |  |  |  |  |  |  |

\* Weighted average log Pow is only scientifically valid for substances or complex substances (e.g. tall oils), which are a group of homologs. When calculated log Pow values are given the calculated method used should be specified.

\*\* Laboratory details may be included in the table or referenced to a separate annex

\*\*\* Methodology / Protocols / Literature data sources may be entered here as well.

Comments on results

|  |
| --- |
|  |

***2.2.1* Biodegradability**

Biodegradability studies are only relevant for organic and organometallic substances. For complex mixtures individual information for all deliberately added substances should be given on separate data sheets.

***Aerobic/ biodegradability (mandatory for all organic substances)***

If less than 4 values have been provided, an explanation must be given

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Substance | Day | Screening test\* | | | Simulation test\* | | Lab ID\*\* | | Method\*\*\* | Report ID |
| Reference substance | Test substance % | Reference substance % | Test  substance DT50 | CO2 profile |
|  |  |  |  |  |  |  |  |  | |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

\* Provide either screening test or simulation test data.

\*\* Laboratory details may be included in the table or referenced to a separate annex

\*\*\* Methodology / Protocols / Literature data sources may be entered here as well

Comments on results

|  |
| --- |
|  |

**2.3 Aquatic toxicity**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Aquatic toxicity | Test species\* | Endpoint | Result | Units | Report details | Comment: |
| Algae | *Skeletonema costatum* | EC50 (72h):  EC90 (72h):  NOEC (72h): |  | mg/L | Method\*\*:  Lab ID\*\*\*:  Report nr:  Result based\*\*\*\*: |  |
| Crustacean | *Acartia tonsa* | LC50 (48h):  LC100/90 (48h):  NOEC (48h): |  | mg/L | Method\*\*:  Lab ID\*\*\*:  Report nr:  Result based\*\*\*\*: |  |
| Fish | *Cyprinodon variegatus* | LC50 (96h):  NOEC (96h):  Limit: |  | mg/L | Method\*\*:  Lab ID\*\*\*:  Report nr:  Result based\*\*\*\*: |  |
| Sediment reworker\*\*\*\*\* | *Corophium volutator* | LC50 (10d):  NOEC (10d): |  | mg/kg | Method\*\*:  Lab ID\*\*\*:  Report nr:  Result based\*\*\*\*: |  |

\* Specify the Latin species name

\*\* Methodology / Protocols / Literature data sources may be entered here as well

\*\*\* Laboratory details may be included in the table or referenced to a separate annex

\*\*\*\* State whether the EC50 was based on nominal (n) or measured (m) exposure concentration or on the water accommodated fraction (WAF)

\*\*\*\*\* Sediment reworked test required for substances which:

1. are "sinkers"; or
2. have a Koc >1000; or
3. have a log Pow>4; or
4. are in any other way known to adsorb to particles or end up in the sediment; or
5. contain surfactants ;

If data are not available, please enter either “not available” or “not conducted” in the comments box.

**Part 3: Confirmation statement**

I hereby confirm that I have reviewed this document and that the information submitted is true and that the amounts and values stated are accurate.

**I additionally hereby confirm that the laboratory test results and data that form the basis of this document are either in compliance with the requirements of the relevant REACH registration, or in compliance with the European Chemicals Agency (ECHA) ‘Guidance on information requirements and Chemical Safety Assessment’, Chapter R4: Evaluation of available information, May 2008 (as amended).**

Date:

Name:

Position in company:

Company:

**Laboratories**

1. For completion of the HOCNF follow the Guidelines at OSPAR Agreement 2012-05, as amended. [↑](#footnote-ref-2)
2. This format was originally annexed to OSPAR Recommendation 2010/3, as amended. In 2023 OSPAR agreed to amend OSPAR Recommendation 2010/3 in order to remove the Notification Format and to make it into an OSPAR Agreement [↑](#footnote-ref-3)
3. Entries under column 4 must be ticked if the substance must be authorised under REACH for offshore use [↑](#footnote-ref-4)
4. Entries under column 5 must be ticked if the offshore use of the substance is restricted under REACH. [↑](#footnote-ref-5)
5. Entries under column 10 should be ticked if the chemical is, or contains, substances that are solid synthetic polymers insoluble in water, including those supplied dissolved in an organic solvent. [↑](#footnote-ref-6)
6. Entries under column 12 must be ticked, if nanomaterials (as defined in the HOCNF guidelines) are present. [↑](#footnote-ref-7)
7. Entries under column 13 must be ticked, if a substance is intended as a biocidal active in a biocidal product according to the EU Biocidal Product Regulation (BPR) (EU) 528/2012 to confirm that the substance is a biocidal active and that it complies with the BPR requirements. In column 1 the relevant Product Type(s) should also be indicated. [↑](#footnote-ref-8)