**Template #305: Consumer uses - OHT *(Version [5.0]-[November 2021])***

The following table gives a detailed description of the type of information prompted for by the data entry fields.

| **Line no.** | **Field name** | **Field type**  **Display type** | **Picklist**  **Freetext template** | **Help text** | **Remarks**  **Guidance**  **Cross-reference** |
| --- | --- | --- | --- | --- | --- |
|  | Consumer uses | Tab |  |  |  |
|  |  | Confidentiality  Display: Basic |  |  |  |
|  | Use name | Text (2,000 char.)  Display: Basic |  | The name of the reported use can be entered here. The name is important to uniquely label the nature and scope of the activities covered. Further details can be provided in the brief description of the use process and in contributing activity / technique names. If an exposure assessment has been carried out, the use name forms the 'Exposure scenario name' in the relevant section where a link is made to this field 'Identified use name'. For consumers, the use name would usually refer to a group of consumer products. If an exposure assessment has been carried out, the name of the identified use corresponds to the exposure scenario name in the relevant section. |  |
|  | Further description of use | Text (rich-text area)  Display: Basic |  |  |  |
|  | Regulatory status | List multi. (multi-select list)  Display: Basic | **Picklist values:** - use in Scientific Research and Development - [EU REACH] - use in plant protection products - [EU REACH] - use in biocidal products - [EU REACH] - use as motor fuels - [EU REACH] - use as fuel in mobile or fixed combustion plants of mineral oil products and use as fuels in closed systems - [EU REACH] - use in cosmetics products - [EU REACH] - use in food contact materials - [EU REACH] - use of the substance in mixtures below the concentration limit specified in REACH Art. 56(6) - [EU REACH] - other: | A justification can be entered for the claim of the specific regulatory status of the use, e.g. by providing the reference to the relevant legislation and the details related to the specific regulatory status and demonstrating that the criteria for a certain exemption are fulfilled. |  |
|  | Explanation for the regulatory status | Text (32,768 char.)  Display: Basic |  | A justification can be entered for the claim of the specific regulatory status of the use, e.g. by providing the reference to the relevant legislation and the details related to the specific regulatory status and demonstrating that the criteria for a certain exemption are fulfilled. | **Guidance for field condition:** Condition: Field active only if 'Regulatory status' is not empty |
|  | **Contributing activity / technique for the environment** | **Block of fields (repeatable) Start** |  |  |  |
|  | Name of activity / technique | Text (2,000 char.)  Display: Basic |  | Enter a name here for an activity contributing to the consumer use. If no specific characteristic is to be highlighted from the environmental perspective the use name can be repeated here. If an exposure assessment has been carried out, the name of the contributing activity / technique corresponds to the title of the contributing scenario in the relevant section. |  |
|  | Environmental release category (ERC) | List multi. (multi-select list)  Display: Basic | **Picklist values:** - ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) - ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor) - ERC8c: Widespread use leading to inclusion into/onto article (indoor) - ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) - ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor) - ERC8f: Widespread use leading to inclusion into/onto article (outdoor) - ERC9a: Widespread use of functional fluid (indoor) - ERC9b: Widespread use of functional fluid (outdoor) | A category can be assigned to the type of process described, providing a generic characterisation from the environmental perspective. Note that different category systems may apply in the relevant regulatory framework as indicated by an informal text shown with the respective picklist items (e.g. EU REACH, US EPA). Consult the relevant legislation-specific guidance on what kind of information is expected. |  |
|  | **Contributing activity / technique for the environment** | **Block of fields (repeatable) End** |  |  |  |
|  | **Contributing activity / technique for consumers** | **Block of fields (repeatable) Start** |  |  |  |
|  | Name of activity / technique | Text (2,000 char.)  Display: Basic |  | Enter a name here for the contributing activity by consumers. Usually the activity of a consumer is best named by a specific product category or subcategory, as the product inherently determines the foreseeable activities with it. In some cases the same product may be used in so different ways that it would be sensible to split into different contributing activities. Sometimes it can also make sense to differentiate among sequential tasks carried out around the same product (e.g. dilution and application). If an exposure assessment has been carried out, the name of the contributing activity / technique corresponds to the title of the contributing scenario in the relevant section. |  |
|  | Product category (PC) | List multi. (multi-select list)  Display: Basic | **Picklist values:** - single component glues and adhesives - [adhesives and sealants] - two-component glues and adhesives - [adhesives and sealants] - one component caulks - [adhesives and sealants] - two component caulks - [adhesives and sealants] - fillers and putties - [adhesives and sealants] - solder - [adhesives and sealants] - hot-melt adhesives - [adhesives and sealants] - agricultural non-pesticidal products - [agricultural products] - biocides (non-agricultural applications) - [agricultural products] - biocide (agricultural pesticide products) - [agricultural products] - instant action air fresheners - [air care products] - continuous action air fresheners - [air care products] - air fresheners for motor vehicles - [air care products] - crafting glue - [arts, crafts and hobby materials] - adhesives applied at elevated temperatures - [arts, crafts and hobby materials] - crafting paint (applied to craft) - [arts, crafts and hobby materials] - crafting paint (applied to body) - [arts, crafts and hobby materials] - fixatives and finishing spray coatings - [arts, crafts and hobby materials] - modelling clay - [arts, crafts and hobby materials] - cement/concrete - [arts, crafts and hobby materials] - anti-freeze liquids - [anti-freeze and de-icing products] - de-icing liquids - [anti-freeze and de-icing products] - de-icing solids - [anti-freeze and de-icing products] - lock de-icers/releasers - [anti-freeze and de-icing products] - apparel finishing, and impregnating/surface treatment products - [apparel and footwear care products] - pre-market waxes, stains, and polishes applied to footwear - [apparel and footwear care products] - post-market waxes, and polishes applied to footwear (shoe polish) - [apparel and footwear care products] - anti-static spray - [apparel and footwear care products] - waterproofing and water resistant sprays - [apparel and footwear care products] - insect repellent treatment - [apparel and footwear care products] - textile (fabric) dyes (pre-market) - [fabric, textile and leather products not covered elsewhere] - textile finishing and impregnating/ surface treatment products (pre-market) - [fabric, textile and leather products not covered elsewhere] - leather tanning, dye, finishing, impregnation and care products (pre-market) - [fabric, textile and leather products not covered elsewhere] - leather conditioner (post-market) - [fabric, textile and leather products not covered elsewhere] - textile (fabric) dyes (post-market) - [fabric, textile and leather products not covered elsewhere] - textile finishing and impregnating/ surface treatment products (post-market) - [fabric, textile and leather products not covered elsewhere] - exterior car waxes, polishes, and coatings - [automotive care products] - exterior car washes and soaps - [automotive care products] - interior car care - [automotive care products] - touch up auto paint - [automotive care products] - all-purpose liquid spray cleaner - [cleaning and furnishing care products] - all-purpose foam spray cleaner - [cleaning and furnishing care products] - all-purpose liquid cleaner/polish - [cleaning and furnishing care products] - all-purpose waxes and polishes - [cleaning and furnishing care products] - powder cleaners (floors) - [cleaning and furnishing care products] - appliance cleaners - [cleaning and furnishing care products] - drain and toilet cleaners (liquid) - [cleaning and furnishing care products] - powder cleaners (porcelain) - [cleaning and furnishing care products] - explosive materials - [explosive materials] - cooking and heating fuels - [fuels and related products] - vehicular or appliance fuels - [fuels and related products] - fuel additives - [fuels and related products] - inks in writing equipment (liquid) - [ink, toner and colorant products] - inks used for stamps - [ink, toner and colorant products] - toner/printer cartridge - [ink, toner and colorant products] - correction fluid/tape - [ink, toner and colorant products] - laundry detergent (liquid) - [laundry and dishwashing products] - laundry detergent (unit-dose/granule) - [laundry and dishwashing products] - dishwashing detergent (liquid/gel) - [laundry and dishwashing products] - dishwashing detergent (unit dose/granule) - [laundry and dishwashing products] - dishwashing detergent liquid (hand-wash) - [laundry and dishwashing products] - stain removers - [laundry and dishwashing products] - fabric enhancers - [laundry and dishwashing products] - dry cleaning and associated products - [laundry and dishwashing products] - liquid lubricants and greases - [lubricants and greases] - paste lubricants and greases - [lubricants and greases] - spray lubricants and greases - [lubricants and greases] - degreasers - [lubricants and greases] - solid bar soap - [personal care products] - liquid hand soap - [personal care products] - liquid body soap - [personal care products] - perfumes and body sprays - [personal care products] - oral care products - [personal care products] - hair care products (liquid) - [personal care products] - hair care products (spray) - [personal care products] - nail care products - [personal care products] - skin applied products (non-soap) - [personal care products] - aerosol spray paints - [paints and coatings] - paint strippers/removers - [paints and coatings] - lacquers, stains, varnishes and floor finishes - [paints and coatings] - water-based paint - [paints and coatings] - solvent-based paint - [paints and coatings] - adhesive/caulk removers - [paints and coatings] - thinners - [paints and coatings] - powder coatings - [paints and coatings] - radiation curable coatings - [paints and coatings] - liquid photographic processing solutions - [photographic supplies, film and photochemicals] - solid/powder water treatment products - [water treatment products] - liquid water treatment products - [water treatment products] - ion exchangers - [water treatment products] - other: | This field can be used for describing the types of chemical products (mixture and end-use products consisting of one compound only) in which the substance is finally contained. Multiple selection is possible.  Note that different category systems may apply in the relevant regulatory framework as indicated by an informal text shown with the respective picklist items (e.g. EU REACH, U.S./Canada). Consult the relevant legislation-specific guidance on what kind of information is expected.  If applicable, items from different category systems may be selected in parallel if they have similar meaning. |  |
|  | **Contributing activity / technique for consumers** | **Block of fields (repeatable) End** |  |  |  |
|  | Technical function of the substance during use | List multi. (multi-select list)  Display: Basic | **Picklist values:** - abrasive - absorbent - adhesion/cohesion promoter - adsorbent - aerating and deaerating agents - alloying element - anti-adhesive/cohesive - anti-caking agent - anti-condensation agent - anti-freeze agent - anti-redeposition agent - anti-scaling agent - anti-slip agent - anti-stain agent - anti-static agent - anti-streaking agent - antioxidant - binder - biocide - bleaching agent - brightener - catalyst - chain transfer agent - chelating agent - chemical reaction regulator - cleaning agent - cloud-point depressant - coalescing agent - conductive agent - corrosion inhibitor - crystal growth modifiers (nucleating agents) - deflocculant - defoamer - dehydrating agent (desiccant) - demulsifier - density modifier - deodorizer - diluent - dispersing agent - drier - dust suppressant - dusting agent - dye - elasticizer - embalming agent - emulsifier - energy releasers (explosives, motive propellant) - etching agent - explosion inhibitor - filler - film former - fire extinguishing agent - fixing agent (mordant) - flame retardant - flavouring and nutrient - flocculating agent - flotation agent - flow promoter - flux agent - foamant - fragrance - freeze-thaw additive - fuel - fuel agents - hardener - heat stabilizer - heat transferring agent - humectant - hydraulic fluids - impregnation agent - incandescent agent - insulators - intermediate - ion exchange agent - leaching agent - lubricating agent - magnetic element - monomers - opacifer - oxidizing agent - pH regulating agent - photosensitive agent - photosensitizers - pigment - plasticizer - plating agent - polymerization promoter - preservative - processing aids not otherwise specified - propellants, non-motive (blowing agents) - reducing agent - refrigerants - sealant (barrier) - semiconductor and photovoltaic agent - sizing agent - softener and conditioner - soil amendments - solids separation (precipitating) agent, not otherwise specified - solubility enhancer - solvent - stabilizing agent - surface modifier - surfactant (surface active agent) - swelling agent - tanning agents not otherwise specified - terminator/blocker - thickening agent - tracer - UV stabilizer - vapor pressure modifiers - viscosity modifier - waterproofing agent - wetting agent (non-aqueous) - wrinkle resisting agent - X-Ray absorber - no specific technical function - other: | Please select ‘No Technical function’ in case the substance has no particular technical function during this use.  Multiple selection is possible. If not listed, select 'other' and specify. |  |
|  | Substance supplied to this use in the form of | List multi. (multi-select list)  Display: Basic | **Picklist values:** - as such - in a mixture | As appropriate select 'as such' or 'in a mixture' or both for indicating in which form the substance is supplied to this use. |  |
|  | Subsequent service life relevant to this use | List (picklist)  Display: Basic | **Picklist values:** - yes - no | A subsequent service life is relevant for a use when the use leads to the inclusion of the substance into an article and/or the substance remains in a dried or cured mixture on the surface of an article. Pigments in coatings and polymer compounds are typical examples for substances where the subsequent service (after end-use) is relevant. For highly volatile solvents in coating and resins the subsequent service life usually is not relevant as evaporation on end-use occurs.  If 'yes' is selected, one or several service life records should in most cases be created. This holds also true for activities of consumers and workers with articles containing the substances. |  |
|  | Subsequent service life name | Link to endpoint (multiple)  Display: Basic |  | If an exposure scenario applies, a link can be set between the use and that service life. The corresponding name is then displayed here as read-only information. | **Remarks:** The feature of linking different sections or fields is not assumed to be defined in the OHT as it is part of the IT implementation which is OHT-independent as long as compliance with the OHT field definitions is ensured. **Guidance for field condition:** Condition: Field active only if 'Subsequent service life relevant to this use' is ‘yes’ **Cross-reference:** FLEXIBLE\_RECORD.ArticleServiceLife\_OHT |
|  | Tonnage of substance for this use (tonnes/year) | Numeric range (decimal)  Display: Basic | **Lower numeric field [xx]:** - > - >= - ca. **Upper numeric field [xx]:** - < - <= - ca. | Enter the tonnage per year for this use\*). Provide further details in the next field to support the interpretation of the value provided here. (Consult the relevant legislation-specific guidance on what kind of information is expected). The tonnage value should be entered preferably as single value. If a range is provided, in context of safety assessment, the upper value may be considered as the relevant one depending on the regulatory framework. \*) The term 'use' is applied in a generic manner, regardless of the life cycle stage it refers to. Depending on the regulatory framework more specific terms may be required. | **Remarks:** The field type Numeric range includes a generic help text which guides the user to enter a single value |
|  | Details on tonnage reported | Text (32,768 char.)  Display: Basic |  | Additional information on the tonnage figure can be entered in field 'Details on tonnage reported', e.g. source of information and method for generating this tonnage (e.g. market survey by sector), the calendar year, regional reference, historical data and information on sites. It may also important to indicate whether or not the tonnage relates to a total market volume for that use (across all manufacturers and importers). |  |
|  | Remarks | Text (rich-text area)  Display: Basic |  | As necessary, give any further explanations if they cannot be provided in any of the more specific fields. This may include information on the source of the information. |  |
|  | Contributing scenario for the environment (related to consumer activities) | Tab |  |  | **Remarks:** IT implementation issue: The section subsumed under this heading should only be active for consumers uses, i.e. when in relation to consumer use or service life for consumers. |
|  | **Contributing scenario for the environment (related to consumer activities)** | **Block of fields (repeatable) Start** |  |  |  |
|  |  | Confidentiality  Display: Basic |  |  |  |
|  | Linked contributing activity | Link to repeatable entry  Display: Basic |  |  |  |
|  | **Conditions of use for the environment** | **Header 1** |  |  |  |
|  | **Product (article) characteristic** | **Header 2** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Product (article) characteristic | Text (32,768 char.)  Display: Basic |  |  |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Amounts used, frequency and duration of use (or from service life)** | **Header 2** |  |  |  |
|  | Daily use amount (tonnes/day) | Numeric (decimal)  Display: Basic |  | Quantify the amount of substance used per day. This amount should refer to a use taking place in a munici-pality (by general public).  The amount for the generic municipality may be calcu-lated from the market tonnage for this use (field 'Tonnage of substance for this use (tonnes/year)' in the related use record) by determining the fraction proportional to a certain number of inhabitants, assuming equal spatial and annual distribution. |  |
|  | Details on daily use amount | Text (32,768 char.)  Display: Basic |  | Add explanation as needed for interpretation of the information on the daily amount. |  |
|  | Annual use amount (tonnes/year) | Numeric (decimal)  Display: Basic |  | Quantify the amount of substance used per year. In principle this should be the daily amount multiplied by 365. |  |
|  | Details on annual use amount | Text (32,768 char.)  Display: Basic |  | Add explanation as needed for interpretation of the information on the annual amount. |  |
|  | Number of emission days (days/year) | Numeric (decimal)  Display: Basic |  | Under the assumption of equal distribution in time this should be 365. |  |
|  | Details on number of emission days | Text (32,768 char.)  Display: Basic |  |  |  |
|  | **Other conditions** | **Block of fields (repeatable) Start** |  |  |  |
|  | Other conditions related to amounts, frequency and duration | Text (32,768 char.)  Display: Basic |  |  |  |
|  | **Other conditions** | **Block of fields (repeatable) End** |  |  |  |
|  | **Conditions and measures related to external treatment of waste (including article waste)** | **Header 2** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Conditions and measures related to external treatment of waste | Text (32,768 char.)  Display: Basic |  | The following type of information may be reported here: instructions regarding separation of waste to be communicated to consumers. |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Other conditions affecting environmental exposure** | **Header 2** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Other conditions of use impacting on environmental exposure | Text (32,768 char.)  Display: Basic |  |  |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Releases to waste and the environment** | **Header 1** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | **Release to the environment** | **Header 2** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Release from the site to: | List (picklist)  Display: Basic | **Picklist values:** - wastewater - surface water - ambient air - non-agricultural soil - agricultural soil - underground | Select the route to which the release is reported in this block of fields. The releases reported should correspond to releases from the site, i.e. before potential treatment in a (standard) 'Municipal biological sewage treatment plant'. |  |
|  | Release estimation method | List sup. (picklist with remarks)  Display: Basic | **Picklist values:** - ERC - SpERC - measured release rate - estimated release factor | The release to the environment can be estimated by different release estimation models or based on measured releases. Select the method used for estimating the release used in the risk assessment.  Provide explanations in the field 'Details on release estimates'. For example explain the source of the information (e.g. referring to an OECD Emission Scenario Document when Estimated release factor is the method selected). |  |
|  | Release factor from the site after on-site risk management (%) | Numeric (decimal)  Display: Basic |  | This is the release factor corresponding to the overall release factor from the site, after all on-site risk management measures have been applied. |  |
|  | Local release rate from the site (kg/day) | Numeric (decimal)  Display: Basic |  | The release rate is expressed in kg/day and corresponds to the amount of substance released over the day. When a release factor is provided the release rate is equal to the release factor multiplied by the daily tonnage. |  |
|  | Details on release estimates | Text template  Display: Basic | **Freetext template:** MONITORING STUDY DESIGN AND DESCRIPTION OF SCENARIO MONITORED - Study's design: - Scope: - Objectives and scenario being monitored: SAMPLING AND ANALYTICAL METHODS - Media Sampled: - Sampling: - Method/ Procedure: RESULTS REMARKS | Details on release estimates can be entered in this field as free text both for modelled estimates or monitoring.  For monitoring information a freetext template can be uploaded and edited as an option. As appropriate delete/add elements. |  |
|  | Reliability score of measured data set | List (picklist)  Display: Basic | **Picklist values:** - 1 (reliable without restriction) - 2 (reliable with restrictions) - 3 (not reliable) - 4 (not assignable) - other: | Describe the reliability of the release estimate by selecting the appropriate reliability score. The 'other:' option may be selected if a different scoring system is used.  Consult the relevant legislation -specific guidance on how to use this field. | **Guidance for field condition:** Condition: Field only active if the item 'measured release rate' has been selected in field 'Release estimation method' |
|  | Details on reliability score | Text (32,768 char.)  Display: Basic |  | Provide an explanation of the reason why this score was selected. | **Guidance for field condition:** Condition: Field only active if the item 'measured release rate' has been selected in field 'Release estimation method' |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Release to external waste** | **Header 2** |  |  |  |
|  | Release factor to external waste (%) | Numeric (decimal)  Display: Basic |  | The release to external waste is the sum of  • the fraction released from the process itself (including the fraction left in a packaging when relevant) as far as not treated on site and  • the fraction moved to external waste by the on-site risk management measures (applied to waste water or exhaust air).  It refers to the submission substance. |  |
|  | Details on release to external waste | Text (32,768 char.)  Display: Basic |  |  |  |
|  | **Exposure of the environment** | **Header 1** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | **Predicted exposure concentration** | **Block of fields (repeatable) Start** |  |  |  |
|  | Exposed compartment | List (picklist)  Display: Basic | **Picklist values:** - freshwater - sediment (freshwater) - marine water - sediment (marine water) - predators' prey (freshwater) - predators' prey (marine water) - top predators' prey (marine water) - sewage treatment plant - air - agricultural soil - non-agricultural soil - predators' prey (terrestrial) - vegetation - other: | Select the compartment for which exposure is reported in this block of fields.  Note: Only the exposure information that is to be used in the risk as-sessment should be reported. |  |
|  | Predicted exposure concentration | Numeric (decimal including unit)  Display: Basic | **Unit [xx]:** - ng/L - µg/L - mg/L - g/L - ng/kg ww - µg/kg ww - mg/kg ww - g/kg ww - ng/kg dw - µg/kg dw - mg/kg dw - g/kg dw - ng/m³ - µg/m³ - mg/m³ | Report the exposure concentration which is to be used for characteris-ing the risks.  In field 'Details on exposure estimates', additional information can be given, e.g. measured data or case-specific modifications of modelled predictions. This may also include information on bioavailability. | **Guidance for field condition:** Conditional picklist depending on compartment selected can be implemented |
|  | Exposure estimation method | List (picklist)  Display: Basic | **Picklist values:** - exposure estimation tool - measured data - other: | The exposure to the environment can be estimated by different expo-sure estimation models or based on measured concentration in the environment. Select the method used. | **Remarks:** An option ‘Apply to all’ may be implemented in any software tool (as planned for IUCLID 6) which adopts the recording of the exposure esti-mation method / tool and measured data (if applicable) to all com-partments in one go. This auto-completion should not apply if the relevant fields have been populated manually. Any editing should also be possible for each compartment. |
|  | Exposure estimation tool name | List (picklist)  Display: Basic | **Picklist values:** - EUSES - CHARM - ChemCAN - ChemSTEER - SCREEN3 - AERSCREEN - AIR MOD - other: | Select which exposure estimation tool has been used. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'Exposure estimation tool' |
|  | Version of exposure estimation tool | Text (255 char.)  Display: Basic |  | Provide the version number and additional details relating to the ver-sion (e.g. date or specific model or algorithm used in the case that several options are provided by the tool). | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'Exposure estimation tool' |
|  | Number of measured data points | Numeric (decimal)  Display: Basic |  | Report the number of data points that have been used to derive the exposure concentration. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | Geometric standard deviation | Numeric (decimal)  Display: Basic |  | Report the geometric standard deviation calculated from the series of available measured data points that have been used to derive the exposure concentration. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | Details on exposure estimates | Text template  Display: Basic | **Freetext template:** MONITORING STUDY DESIGN AND DESCRIPTION OF SCENARIO MONITORED - Study's design: - Scope: - Objectives and scenario being monitored: SAMPLING AND ANALYTICAL METHODS - Media Sampled: - Sampling: - Method/ Procedure: RESULTS REMARKS | Details on exposure estimates can be entered in this field as free text both for modelled estimates or measured data. This may include details on bioavailability.  For monitoring information a free-text template can be uploaded and edited as an option. As appropriate delete/add elements. |  |
|  | Reliability score of measured data set | List (picklist)  Display: Basic | **Picklist values:** - 1 (reliable without restriction) - 2 (reliable with restrictions) - 3 (not reliable) - 4 (not assignable) - other: |  | **Guidance for field condition:** Condition: Field only active if the item 'measured release rate' has been selected in field 'Release estimation method' |
|  | Details on reliability score | Text (32,768 char.)  Display: Basic |  |  | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | **Predicted exposure concentration** | **Block of fields (repeatable) End** |  |  |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | Attachment | Attachment (multiple)  Display: Basic |  | Documents can be attached here, for example export files of exposure estimation tools. |  |
|  | **Exposure of humans via the environment** | **Header 1** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Daily intake via food consumption | Numeric (decimal including unit)  Display: Basic | **Unit [xx]:** - ng/kg bw/day - µg/kg bw/day - mg/kg bw/day | Report the dose of substance to which man is exposed via food within a day. The related food items and populations are either i) determined by the modelling tool applied, or ii) can be further specified under 'Details on exposure estimates' if measured data are reported. |  |
|  | Exposure estimation method | List (picklist)  Display: Basic | **Picklist values:** - exposure estimation tool - measured data - other: |  |  |
|  | Exposure estimation tool name | List (picklist)  Display: Basic | **Picklist values:** - EUSES - other: | Select which exposure estimation tool has been used. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'Exposure estimation tool' |
|  | Version of exposure estimation tool | Text (255 char.)  Display: Basic |  | Provide the version number and additional details relating to the version (e.g. date or specific model or algorithm used in the case that several options are provided by the tool). | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'Exposure estimation tool' |
|  | Details on exposure estimates | Text template  Display: Basic | **Freetext template:** MONITORING STUDY DESIGN AND DESCRIPTION OF SCENARIO MONITORED - Study's design: - Scope: - Objectives and scenario being monitored: SAMPLING AND ANALYTICAL METHODS - Media Sampled: - Sampling: - Method/ Procedure: RESULTS REMARKS | Details on exposure estimates can be entered in this field as free text both for modelled estimates or measured data. This may include details on bioavailability. For monitoring information a free-text template can be uploaded and edited as an option. As appropriate delete/add elements. |  |
|  | Reliability score of measured data set | List (picklist)  Display: Basic | **Picklist values:** - 1 (reliable without restriction) - 2 (reliable with restrictions) - 3 (not reliable) - 4 (not assignable) - other: | Describe the reliability of the release estimate by selecting the appropriate reliability score. The 'other:' option may be selected if a different scoring system is used. Consult the relevant legislation -specific guidance on how to use this field. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | Details on reliability score | Text (32,768 char.)  Display: Basic |  | Provide an explanation of the reason why this score was selected. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Contributing scenario for the environment (related to consumer activities)** | **Block of fields (repeatable) End** |  |  |  |
|  | Contributing scenario for the consumers | Tab |  |  | **Remarks:** IT implementation issue: The section subsumed under this heading should only be active for consumers uses, i.e. when in relation to consumer use or service life for consumers. |
|  | **Contributing scenario for the consumers** | **Block of fields (repeatable) Start** |  |  |  |
|  |  | Confidentiality  Display: Basic |  |  |  |
|  | Linked contributing activity | Link to repeatable entry  Display: Basic |  |  |  |
|  | **Conditions of use for consumers** | **Header 1** |  |  |  |
|  | **Product (article) characteristics** | **Header 2** |  |  |  |
|  | Percentage (w/w) of substance in mixture/article | Numeric (decimal)  Display: Basic |  | Indicate the concentration of the substance in the mixture to which the set of described use conditions refers to. If the substance is used as such, potentially 100% is to be entered. |  |
|  | Details on the percentage of substance in mixture/article | Text (32,768 char.)  Display: Basic |  | Add explanation as needed for interpretation of the concentration value provided. |  |
|  | Physical form of the used product | List (picklist)  Display: Basic | **Picklist values:** - gas - liquid - liquid for spraying (spraying can) - solid object - solid (material with no or very low dustiness) - solid (material with medium dustiness) - solid (material with high dustiness) | Select the physical form of the product as used. Note: This is not necessarily identical with the physical state/form of the substance as derived from manufacture. Also the form of the product used is not neces-sarily identical to the form to which the consumers are exposed to, as it may be modi-fied during use, for example a liquid may be sprayed and aerosols may be formed.  If the product is a solid, deter-mine the level of dustiness by analogy:  • if all or significant fraction of substance occurs in form of fine light powders similar to flour, carbon black or chalk dust select 'very dusty'  • if all or significant fraction of substance occurs in form of granular solids similar to sugar or detergents select 'medium dusty'  • if substance largely occurs as pellets not breaking up or wax, select 'low dusty form' |  |
|  | Details on physical form | Text (32,768 char.)  Display: Basic |  | Add explanation as needed for interpretation of the physical form information. |  |
|  | **Other product (article) characteristics** | **Block of fields (repeatable) Start** |  |  |  |
|  | Other product (article) characteristics | Text (32,768 char.)  Display: Basic |  | Other product characteristics impacting on exposure can be reported here. This may for example refer to viscosity of liquid product (to avoid splashes) or size of packaging (to limit amount per application).  For article, any characteristics of the article impacting on the release can be reported here such as description of the matrix. |  |
|  | **Other product (article) characteristics** | **Block of fields (repeatable) End** |  |  |  |
|  | **Amounts used (or contained in articles), frequency and duration of use/exposure** | **Header 2** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Conditions of use related to amount, frequency and duration | Text (32,768 char.)  Display: Basic |  |  |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Information and behavioural advice for consumers** | **Header 2** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Conditions of use as indicated in advice to consumers | Text (32,768 char.)  Display: Basic |  | Any safety advice to be con-veyed to consumers in order to control exposure can be re-ported here. This may include instructions for use. It should be noted that personal protec-tive measures are usually not expected for consumer uses. |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Other conditions affecting consumers exposure** | **Header 2** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | Other conditions of use | Text (32,768 char.)  Display: Basic |  |  |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | **Exposure of consumers** | **Header 1** |  |  |  |
|  |  | **Block of fields (repeatable) Start** |  |  |  |
|  | **Exposure estimation** | **Block of fields (repeatable) Start** |  |  |  |
|  | Type of exposure | List (picklist)  Display: Basic | **Picklist values:** - inhalation (external) long-term exposure - inhalation (internal) long-term exposure - inhalation (external) short-term exposure - inhalation (internal) short-term exposure - dermal (external) long-term exposure - dermal (internal) long-term exposure - dermal (external) local concentration on skin - dermal (external) short-term exposure - dermal (internal) short-term exposure - oral (external) long-term intake - oral (internal) long-term intake - oral (external) short-term intake - oral (internal) short-term intake - concentration in tissue or body fluids | Select the type of exposure for which exposure is reported. This block of fields can be repeated. Only the exposure information that is to be used in the risk assessment should be reported. Please note that long-term exposure also covers repeated-dose exposure. Whether the systemic exposure estimate refers to external or internal exposure is determined by the tool/method used for predicting exposure. The corresponding information can be reported in the field 'Details on exposure estimates'. This may also include information on absorption (e.g. through the skin) and bioavailability. The appropriate unit has to be selected. The unit for the systemic exposure via dermal route is expressed as daily dose per kg bw. This unit can be used for external exposure and internal exposure. If the exposure estimate refers to concentration in body fluids (e.g. blood or urine) or tissue (e.g. hair), the corresponding item can be selected here. |  |
|  | Exposure estimate | Numeric (decimal including unit)  Display: Basic | **Unit [xx]:** - ng/m³ - µg/m³ - mg/m³ - ng/kg bw/day - µg/kg bw/day - mg/kg bw/day - ng/cm² - µg/cm² - mg/cm² | Report the exposure value which is to be used for estimating the risks. In field 'Details on exposure estimates', additional information can be given, e.g. case-specific modifications of modelled predictions. | **Guidance for field condition:** Conditional picklist depending on compartment selected can be implemented, see pre-selected units in IUCLID for exp.concentration |
|  | Exposure estimation method | List (picklist)  Display: Basic | **Picklist values:** - exposure estimation tool - measured data - negligible exposure - other: | The exposure of workers/consumers can be estimated by different exposure estimation models or based on measured data. If uses take place in rigorously contained systems an exposure close to zero (negligible) can also be demonstrated based on qualitative arguments. Select the method used for estimating the exposure. |  |
|  | Exposure estimation tool name | List (picklist)  Display: Basic | **Picklist values:** - ECETOC TRA consumers - Consexpo - AISE REACT - E-FAST - MCCEM - EGRET - WPEM - other: | Select the tool which has been used for estimating the exposure concentration | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'exposure estimation tool' |
|  | Version of exposure estimation tool | Text (255 char.)  Display: Basic |  | Provide the version number and additional details relating to the version (e.g. date or specific model or algorithm used in the case that several options are provided by the tool). |  |
|  | Number of measured data points | Numeric (decimal)  Display: Basic |  | Report the number of data points that have been used to derive the exposure concentration. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | Geometric standard deviation | Numeric (decimal)  Display: Basic |  | Report the geometric standard deviation calculated from the series of available measured data points that have been used to derive the exposure concentration. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | Details on exposure estimates | Text template  Display: Basic | **Freetext template:** MONITORING STUDY DESIGN AND DESCRIPTION OF SCENARIO MONITORED - Study's design: - Scope: - Objectives and scenario being monitored: SAMPLING AND ANALYTICAL METHODS - Media Sampled: - Sampling: - Method/ Procedure: RESULTS REMARKS | Details on exposure estimates can be entered in this field as free text both for modelled estimates or measured data. This may include details on bioavailability. For monitoring information a free-text template can be uploaded and edited as an option. As appropriate delete/add elements. If the exposure estimate refers to certain sub-population (e.g. children) such information can be reported here. |  |
|  | Reliability score of measured data set | List (picklist)  Display: Basic | **Picklist values:** - 1 (reliable without restriction) - 2 (reliable with restrictions) - 3 (not reliable) - 4 (not assignable) - other: | Describe the reliability of the release estimate by selecting the appropriate reliability score. The 'other:' option may be selected if a different scoring system is used. Consult the relevant legislation -specific guidance on how to use this field. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | Details on reliability score | Text (32,768 char.)  Display: Basic |  | Provide an explanation of the reason why this score was selected. | **Guidance for field condition:** Condition: Field only active if 'Exposure estimation method' is 'measured data' |
|  | **Exposure estimation** | **Block of fields (repeatable) End** |  |  |  |
|  |  | **Block of fields (repeatable) End** |  |  |  |
|  | Attachment | Attachment (multiple)  Display: Basic |  | Documents can be attached here, for example export files of exposure estimation tools. |  |
|  | **Contributing scenario for the consumers** | **Block of fields (repeatable) End** |  |  |  |