

# IUCLID Guidance Document

Version 1.1  
14 December 2000

## Chapter C.1 - C.2

The IUCLID Guidance Document consists of the following parts:

File names:	<p>IUC-GD-A-C0.pdf: Chapters A, B and C.0  IUC-GD-C1-C2.pdf: Chapters C.1 - C2  IUC-GD-C3-C4.pdf: Chapters C.3 - C4  IUC-GD-C5-C7.pdf: Chapters C.5 - C7  IUC-GD-Apx1.pdf: Appendix 1</p> <p>IUC-GD-Apx2.exe: Appendix 2 in the form of electronic files (self-extracting):  (i) all sample freetexts as single ASCII text documents (*.txt)  (ii) export file (SampFtxt.exp ) with template data set "1-Sample Freetexts" containing all sample freetexts in subchapter 1.1.0 (follow instructions given in chapter B.3.5.2.2)</p>
-------------	---

### C.1 Chapter: General Information

#### C.1.0 no IUCLID heading

C.1.0.1 OECD and Company Information



**Example screen**

Only defined fields displayed ( # list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type	Select from picklist: [cooperating company / lead organisation / other / sponsor country]. If [other] is selected, specify.	
3	Name	Select company name from picklist, edit entry if necessary, or enter new name	
4	Partner	Enter name of partner company	
5	Date	Enter name of date of first creation of data set	
6-13	Address: Street etc.	Enter address of company, telephone number etc. as indicated. Give email address and any other information in Freetext type Remarks	<b>RM</b>

Note: Create new records to enter company information on other, e.g. cooperating, companies.



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

**Freetext type **RM** - Remarks (Other freetext types generally not applicable)**

C.1.0.2 Location of Production Site



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Name of Plant	Enter name of plant	
3-10	Address: Street etc.	Enter address of company, telephone number etc. as indicated. Give email address and any other information in Freetext type Remarks	<b>RM</b>

**Note:** Create new records to enter more than one location.



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

**Freetext type **RM** - Remarks (Other freetext types generally not applicable)**

C.1.0.3 Identity of Recipients



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Name of Recipient	Enter name of recipient	
3-10	Address: Street etc.	Enter address of company, telephone number etc. as indicated. Give email address and any other information in Freetext type Remarks	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

**Freetext type RM - Remarks (Other freetext types generally not applicable)**

### C.1.1 General Substance Information



#### Example screen

Only defined fields displayed (# list field; # non-list field)



#### Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	Substance Type	Select from picklist: [element / inorganic / natural substance / organic / organometallic / petroleum product] Note: Freetexts can be assigned to each entry.	<b>RM</b> <b>AD</b>
4	Physical Status	Indicate physical state at 20°C and 1013 hPa by selecting from picklist: [gaseous / liquid / solid]	
5	Purity	Indicate representative purity as it is produced or imported in percentage terms (weight/weight) by filling in: - subfield 5a: select from picklist: [< / <= / = / > / >= / ca.] - subfield 5b-c: enter numerical value or lower and upper range	



#### Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

##### Freetext type **AD** - Attached document

Attach a graphics document (bitmap file with extension \*.bmp) containing the structural formula of the substance. See also guidance given in chapter C.0.2.3 on attached documents.

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:

**RL** Reliability; **RM** - Remarks; **RE** Reference

C.1.1.0 Details on Category/Template



**Example screen**

Only defined fields displayed ( # list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Comment	Any comment can be entered here regarding the category/template data set if applicable. For example, justification can be included as to the grouping of substances to a specific category.	<b>RM</b>

**Note:**

This subchapter is only relevant in the case of a category/template data set. Categories/templates are used in IUCLID to group information about substances that have similar physical or toxicologic properties to allow them to be considered together for hazard / risk assessment purposes. By using this function it is possible to enter data which is believed to apply to all members of the category only once and have it appear in the data sets of all individual members of the category. (For further information, see technical manuals on IUCLID, particularly the GETTING STARTED Manual.)



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

Any additional information can be entered, in principle, in any freetext type, but normally only Freetext type **RM** - Remarks may be chosen.

C.1.1.1 Spectra



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	Type of Spectra	Select from picklist: [GC / HPLC / IR / NMR / mass spectrum / other]. If [other: ] is selected, specify, e.g. [other: UV/VIS]. Any details have to be entered in freetexts.	<b>ME</b> <b>RS</b> <b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

Enter any data describing the corresponding spectrum in freetext type **RS** - Results. Freetext types **ME** - Methods, **RM** - Remarks or others may also be chosen. If appropriate, graphics or tables can be attached with freetext type **AD** -Attached document.

Note that different types of spectra should be entered in separate records.

**See guidance in chapter C.0.3 for setting Flags and C.0.2.3 and for freetext types:**

**RL** Reliability; **RM** Remarks; **AD** Attached doc.; **RE** Reference

### C.1.2 Synonyms



#### Example screen

Only defined fields displayed ( # list field; # non-list field)



#### Defined fields

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Synonyms	Enter synonym(s) in the input fields provided. Additional synonyms can be entered using <F6> key.	<b>RM</b>



#### Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

No additional information will normally be required, but can be entered in freetext type **RM** - Remarks, as appropriate.

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 and for freetext types: **RL** Reliability; **RM** Remarks; **AD** Attached doc.; **RE** Reference

### C.1.3 Impurities



#### Example screen

Only defined fields displayed (# list field; # non-list field)

1.3 Impurities

Last Changes **04-DEC-1996** Order Number **1** Reliabilities **2**

CAS No	EINECS No	Name	Value		
<b>150-38-9</b>	<b>205-758-8</b>	<b>trisodium hydrogen</b>	ca. 7		% w/w
2836-32-0	220-624-9	sodium glycollate	<= 3		% w/w
5064-31-3	225-768-6	trisodium nitritotriac	ca. 3		% w/w
2836-32-0	220-624-9	sodium glycollate	ca. 3		% w/w
5064-31-3	225-768-6	trisodium nitritotriac	ca. 2.5		% w/w
2836-32-0	220-624-9	sodium glycollate	< 2		% w/w
139-33-3	205-358-3	disodium dihydroge	ca. 2		% w/w
1310-73-2	215-185-5	sodium hydroxide	ca. 2		% w/w



#### Defined fields

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	CAS No. EINECS No. Name	Enter either one of the three identifiers in multi-entry list. The other identifiers will then automatically be included. Once you have activated (double-click or <F7> key) one of the entry fields, you may also search for e.g. a CAS / EINECS No. or name with the query function.	
4	Value	Enter concentration of the impurity or impurities by filling in: - subfield(s) 4a: select from picklist: [</ <= / = / > / >= / ca.] - subfield(s) 4b-c: enter numerical value(s) or range(s)	<b>RM</b>



#### Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

No additional information will normally be required, but can be entered in freetext type **RM** - Remarks, as appropriate.

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 and for freetext types:

**RL** Reliability; **RM** Remarks; **AD** Attached doc.; **RE** Reference

C.1.4 Additives



Example screen

Only defined fields displayed (# list field; # non-list field)

1.4 Additives

Last Changes  Order Number  Reliabilities

CAS No	EINECS No	Name	Value	
7732-18-5	231-791-2	water, distilled, con	ca. 58	% w/w
7732-18-5	231-791-2	water, distilled, con	ca. 55	% w/w
7732-18-5	231-791-2	water, distilled, con	ca. 7	% w/w
1310-73-2	215-18-3	Sodium hydroxide	<= 1	% w/w
50-00-0	200-001-8	formaldehyde	<= 4a	% w/w
				% w/w
				% w/w
				% w/w



Defined fields

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	CAS No. EINECS No. Name	Enter either one of the three identifiers in multi-entry list. The other identifiers will then automatically be included. Once you have activated (double-click or <F7> key) one of the entry fields, you may also search for e.g. a CAS / EINECS No. or name with the query function.	
4	Value	Enter concentration of the additive(s) by filling in: - subfield(s) 4a: select from picklist: [</ <= / = / > / >= / ca.] - subfield(s) 4b-c: enter numerical value(s) or range(s)	<b>RM</b>



Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

No additional information will normally be required, but can be entered in freetext type **RM** - Remarks, as appropriate.

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 and for freetext types:

**RL** Reliability; **RM** Remarks; **AD** Attached doc.; **RE** Reference

### C.1.5 Quantity



#### Example screen

Only defined fields displayed (# list field; # non-list field)



#### Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Quantity produced or imported	Enter range of quantity produced* or imported* by filling in: - subfield 2a: select from picklist: [imported / produced] - subfield 2b: select range of tonnes per year from picklist; e.g. [0 / 0-5 / 5-10 / etc.] - subfield 2c: enter year to which the data given refer (See any specific guidance documents of existing chemicals programmes for any reference points.)	RM SO CT
3	Produced during 12 months after adoption of regulation	Select from picklist [no / no data / yes] to indicate if the substance has been produced during 12 months after adoption of the regulation, e.g. EEC regulation on existing chemicals or any other (describe in freetext type RM)	
4	Imported during 12 months after adoption of regulation	Select from picklist [no / no data / yes] to indicate if the substance has been imported during 12 months after adoption of the regulation, e.g. EEC regulation on existing chemicals or any other (describe in freetext type RM)	

**\*Note:** Insert a separate record for each information to be entered.



## Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

**Freetext types** **RM** - Remarks; **SO** - Source; **CT** - Country

Include further information such as name of the country, number of producers in the country, estimation of the global production quantity, etc.

**See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:**

**AD** Attached doc.; **RE** Reference

### C.1.6 no IUCLID heading

C.1.6.1 Labelling



**Example screen**

Only defined fields displayed (# list field; # non-list field)

**1.6.1 Labelling**

Last Changes: 25-SEP-2000      Order Number: 1      Reliabilities: not applicable

Labelling: provisionally by manufacturer/importer 2

Specific Limits: no 3

Symbols: Xn      Nota 5

R Phrases: 22-36 6

S Phrases: 25(Avoid contact with eyes)-26(In case of conta 7 7) yes, rinse immedi

Separate phrases with '-' and append text for S-phrases in parenthesis.



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Labelling*)	Select from picklist: [as in Directive 67/548/EEC / no labelling required (no dangerous properties) / no labelling required (no data available) / other, as in legislation / provisionally by manufacturer/importer]. If applicable, specify [other, as in legislation: .....]	RM SO CT
3	Specific Limits	Indicate if there are specific limits (e.g. concentration limits .....; describe in freetext) in Annex 1 of the Directive 67/548/EEC or in other regulations. Select from picklist: [no / no data / yes]	
4	Symbol	Enter the symbols prescribed by Annex I of the Council Directive 67/548/EEC of 27 June 1967. If the substance is produced outside or exported from the EU, then indicate the symbols which correspond to Directive 67/548/EEC, if available. Select symbols from picklist; e.g. [C / E / F/ etc.] (C = corrosive / E = explosive / F = highly flammable)	
5	Nota	Enter the Nota prescribed by or corresponding to Council Directive 67/548/EEC of 27 June 1967. Select from picklist; e.g. [A / etc.] (A = The name of the substance must appear on the label in the form of one of the designations given in Annex 1 of Directive 67/548/EEC)	

No.	Field name	Guidance note	See also Freetext
6	R Phrases	Enter the R-Phrases prescribed by or corresponding to Annex III of the Council Directive 67/548/EEC of 27 June 1967. Select code from picklist; e.g. [1 / 10 / 11 / 23/24/25 / etc.]. To enter more than one R-phrase, activate and select from picklist consecutively. A hyphen (-) is included automatically between the different R-Phrases selected, e.g. 11-14-20/21.	
7	S Phrases	Enter the S-Phrases prescribed by or corresponding to Annex III of the Council Directive 67/548/EEC of 27 June 1967. Select code from picklist; e.g. [... / 25 / 26 / 29/56 / etc.]. To enter more than one S-phrase, activate and select from picklist consecutively. A hyphen (-) is included automatically between the different S-Phrases selected, e.g. 25-26. <b>Note:</b> In this list field, the text of the S-phrases can be inserted in parentheses, e.g. [25(Avoid contact with eyes)-26(In case of contact with eyes, rinse immediately with plenty of water and seek medical advice)]. Note syntax: Do not insert blanks before or after any text inserted!	

\*)**Note:** The following general instructions have been adopted from the HEDSET manual:

**Labelling and classification by EEC-Directive:** if the substance is in Annex 1 of the Council Directive 67/548/EEC of 27 June 1967, then it should be classified and labelled accordingly.

**Provisional labelling and classification by manufacturer or importer:** if the substance is not in Annex 1 of the Council Directive 67/548/EEC of 27 June 1967, then the substance should be provisionally classified and labelled by the manufacturer or importer.

**No labelling and no classification (no dangerous properties):** if the substance has no dangerous properties (within the meaning of the Council Directive 67/548/EEC of 27 June 1967), then no classification and no labelling is required.

**No labelling and no classification (no data available):** the dangerous properties of the substance are unknown.

**Labelling and classification by other regulations:** if the substance is produced or imported outside the Community, then indicate this regulation and the contents of classification in the remarks field.



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

**Freetext types** RM - Remarks; SO - Source; CT - Country

Give further information such as name of the regulation, the country, and the source of information.

C.1.6.2 Classification



**Example screen**

Only defined fields displayed (# list field; # non-list field)

**1.6.2 Classification**

Last Changes	23-OCT-1995	Order Number	1	Reliabilities	not applicable
Classification	as in Directive 67/548/EEC 2				
Class of Danger	carcinogenic, category 3 3				
R Phrases	40 4				



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Classification	Select from picklist; e.g. [as in Directive 67/548/EEC / no classification required (no dangerous properties) / other, as in legislation / etc.] See also general remarks on labelling and classification in subchapter C.1.6	RM SO CT
3	Class of Danger	Select from picklist; e.g. [carcinogenic, category 1 / corrosive / explosive / etc.]	
4	R Phrases	Select code from picklist; e.g. [1 / 10 / 11 / 23/24/25 / etc.]. To enter more than one R-phrase, activate and select from picklist consecutively. A hyphen (-) is included automatically between the different R-Phrases selected, e.g. 11-14-20/21.	



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

**Freetext types** **RM** - Remarks; **SO** - Source; **CT** - Country

Give further information such as name of the regulation, the country, and the source of information.

C.1.7 Use Pattern



Example screen

Only defined fields displayed (# list field; # non-list field)



Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type of Use	Select from picklist: [industrial / type / use]. <b>Note:</b> This is a multi-entry field, i.e. if information for other countries is available, enter these in separate fields (add new fields if required with <F6> key or "+" symbol on the toolbar)	<b>RM</b>
3	Category	Select category pertaining to a given type of use. <b>Note</b> that individual picklists are available for each type of use; for example, if you entered "type", you can choose one of the following items that specify the type of use: [Non dispersive use / Used in close system / etc.].	



Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

**Freetext types** **RM** - Remarks; **SO** - Source; **CT** - Country

Give further information of the main categories, industrial categories and use categories in case the chemical is used in consumer products, indicate functions, weight fraction of the chemical and form of product as marketed (e.g. aerosol, powder or liquid).

For more detailed instructions on this subchapter, refer to the HEDSET manual.

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**AD** Attached doc.; **RE** Reference

C.1.7.1 Technology Production/Use



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type	Select from picklist: [production / use]	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

**For further instructions, see HEDSET manual!**

### C.1.8 Occupational Exposure Limit Values



#### Example screen

Only defined fields displayed (# list field; # non-list field)



#### Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type of Limit	Select type of occupational exposure limit value from picklist; e.g. [BAT (DE) / MAC (Japan) / other / etc.].	<b>RM</b>
3	Value	Enter value of exposure limit by filling in: - subfield 3a: enter numerical value - subfield 3b: select unit from picklist; e.g. [% / mg/g / mg/m <sup>3</sup> / etc.]	
4	Short Term Exposure Limit Value	Enter value of short term exposure limit by filling in: - subfield 4a: enter numerical value - subfield 4b: select unit from picklist; e.g. [% / mg/g / mg/m <sup>3</sup> / etc.]	
5	Time Schedule	Enter value by filling in: - subfield 5a: enter numerical value - subfield 5b: select unit from picklist: [hour(s) / minute(s)]	
6	Frequency	Enter numerical value (of exposure per shift)	



#### Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

**For further instructions, see HEDSET manual!**

C.1.9 Source of Exposure



Example screen

Only defined fields displayed (# list field; # non-list field)



Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Memo	Describe sources of potential human (other than concentration of chemicals in the workplace and indoor environment, see 5.11) or environmental exposure including emission data (e.g. quantities per media with information such as time dimensions of release, indication of type of release (e.g. point source of diffuse), type of estimating (e.g. average or worst case) uncertainties in estimation), if available for all phases of the life cycle of the chemical including manufacturing and user areas. Indicate the production process briefly, number of sites of manufacture, and the basis for concluding that the process is “closed”, if applicable. If this information is available for more than one country, input it by using the multi-entry function of this field with the name of the country in the corresponding freetext type (adapted from HEDSET manual).	<b>RM</b>



Freetext fields

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **CT** - Country; **AD** Attached doc.; **RE** Reference

**C.1.10 no IUCLID heading**

C.1.10.1 Recommendations/Precautionary/Measures



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type	Select from picklist; e.g. [danger of dust explosion / fire / handling / etc.].	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

C.1.10.2 Emergency Measures



**Example screen**

Only defined fields displayed ( # list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type	Select from picklist; e.g. [accidental spillage / injury to persons (eye) / other / etc.].	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

**C.1.11 Packaging**



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Memo	Double-click on field or press <F7> key to open editor and enter information on packaging. Note: Enter different types of information in separate fields. Individual freetexts can be assigned to each field.	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

**C.1.12 Possibility of Rendering Substance Harmless**



**Example screen**

Only defined fields displayed ( # list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Domaine	Select from picklist: [industry/skilled trades / public at large]	<b>RM</b>
3	Process	Select from picklist: [destruction / neutralization / recycling]	
4	Type of Destruction	Select from picklist: [controlled discharge / incineration / water purification station / other]	



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

**C.1.13 Statements Concerning Waste**



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Memo	Double-click on field or press <F7> key to open editor and enter information. Note: Enter different types of information in separate fields. Individual freetexts can be assigned to each field.	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

**C.1.14 no IUCLID heading**

C.1.14.1 Water Pollution



**Example screen**

Only defined fields displayed ( # list field; # non-list field)

1.14.1 Water Pollution

Last Changes: 24-JUN-2000      Order Number: 1      Reliabilities: not applicable

Classified by: KBwS (DE)      2

Labelled by: KBwS (DE)      3

Class of Danger: 2      4



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Classified by	Select from picklist: [Directive (North Sea List) / Directive (Water List) / KBwS (DE) / other]	RM
3	Labelled by	Select from picklist: [EEC Directive / KBwS (DE) / other]	
4	Class of Danger	Select from picklist: [0 / 1 / 2 / 3]	



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
 RM - Remarks; AD Attached doc.; RE Reference

C.1.14.2 Major Accident Hazards



**Example screen**

Only defined fields displayed (# list field; # non-list field)

1.14.2 Major Accident Hazards

Last Changes: 11-OCT-2000      Order Number: 1      Reliabilities: not applicable

Legislation: Directive 82/502/EEC 2

Substance listed: no 3

No. in Seveso Directive: 4



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Legislation	Select from picklist: [Directive 82/502/EEC / Stoerfallverordnung (DE) / other]	<b>RM</b>
3	Substance listed	Select from picklist: [no / no data / yes]	
4	No. in Seveso Directive	Enter number given in Seveso Directive if applicable	



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

C.1.14.3 Air Pollution



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Classified by	Select from picklist: [TA-Luft (DE) / other]	<b>RM</b>
3	Labelled by	Select from picklist: [TA-Luft (DE) / other]	
4	Number	Select from picklist; e.g. [2.3 / 3.1.3 / other]	
5	Class of Danger	Select from picklist; e.g. [I / II / other]	



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

**C.1.15 Additional Remarks**



**Example screen**

Only defined fields displayed ( # list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Memo	Double-click on field or press <F7> key to open editor and enter any additional remarks. <b>Note:</b> Enter different types of information in separate fields. Individual freetexts can be assigned to each field.	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

**C.1.16 Last Literature Search**



**Example screen**

Only defined fields displayed (# list field; # non-list field)

The screenshot shows a form titled "1.16 Last Literature Search". It contains several input fields: "Last Changes" with the value "11-SEP-2000", "Order Number" with the value "1", "Reliabilities" with a callout bubble saying "not applicable", "Type of Search" with a dropdown menu showing "Internal and External", "Chapters covered" with the value "3, 4, 5", and "Date of Search" which is empty. Numbered callouts (1-4) and folder icons (2-3) highlight specific fields and values.



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type of Search	Select from picklist: [external / internal / external, internal]	<b>RM</b>
3	Chapters covered	Select from picklist; e.g. [2 / 3 / 2,3 / etc.]	
4	Date of Search	Enter numerical value	



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

C.1.17 Reviews



**Example screen**

Only defined fields displayed ( # list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Memo	Double-click on field or press <F7> key to open editor and enter information available from reviews. <b>Note:</b> Enter different types of information in separate fields. Individual freetexts can be assigned to each field.	<b>RM</b>



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

**C.1.18 Listings e.g. Chemical Inventories**



**Example screen**

Only defined fields displayed (# list field; # non-list field)



**Defined fields**

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Type	Select from picklist; e.g. [AICS / AUSTRIA / Annex I of Chemical Weapons Control Decree (D) / etc.]	<b>RM</b>
3	Additional Information	Enter respective information given in the corresponding inventory	



**Freetext fields**

Optional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:  
**RM** - Remarks; **AD** Attached doc.; **RE** Reference

## C.2 Chapter: Physico-chemical Data

### C.2.1 Melting Point



#### Example screen

Only defined fields displayed, with fictitious data (# list field, # non-list field)



#### Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	Value	Enter melting point filling in: - subfield 3a: select from picklist: [< / <= / = / > / >= / ca.] - subfield 3b-c: enter numerical value. If range is given, enter lower and upper value into both subfields. <b>Note:</b> < 0°C is an acceptable entry.	<b>RS</b>
4	Decomposition	Subfield 4a: Select from picklist: [ambiguous / no / yes] If decomposition occurs, state temperature of decomposition: - subfield 4b: select from picklist: [< / <= / = / > / >= / ca.] - subfield 4c-d: enter numerical value or range	
5	Sublimation	Select from picklist: [ambiguous / no / yes]	
6	Method	Select from picklist: [Directive 84/449/EEC, A.1 / OECD Guideline 102 / other]. If [other] is selected, specify, e.g. [other: no information available]; in particular, indicate if a calculated approach was used, e.g. [other: calculated]. Any additional information can be entered in the form of freetexts.	<b>ME</b> <b>TC</b>
7	Year	Enter year of method if known	
8	GLP	Select from picklist: [no, no data, yes] (see also C.0.1.3)	<b>ME</b>



## Freetext fields

Optional or conditional entry of data in freetext form, in addition to data entered in defined fields:

### Freetext type **RS** - Results

Describe any other information needed to assess data for reliability and use.

**Note:** For viscous liquids, the "pour point" may be noted.

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:

**TS** Test substance; **ME** Method; **TC** Test conditions; **RL** Reliability; **CL** Conclusion;  
**RM** Remarks; **AD** Attached doc.; **RE** Reference

### C.2.2 Boiling Point



#### Example screen

Only defined fields displayed (# list field; # non-list field)

2.2 Boiling Point			
Last Changes	24-AUG-2000	Order Number	1
		Reliabilities	2
Value	ca. 3a	99 3b	3c °C
Pressure	1013 4a	hPa	4b
Decomposition	no 5		
Method	OECD Guide-line 103 6	Year	1981 7
GLP	no data 8		



#### Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	RL
3	Value	Enter boiling point filling in (> 300°C is an acceptable entry): - subfield 3a: select from picklist: [< / <= / = / > / >= / ca.] - subfield 3b-c: enter numerical value or lower and upper range	RS
4	Pressure	Subfield 4a: Select from picklist, e.g. [< / <= / = / > / >= / ca.] Subfield 4b: Select from picklist: [hPa] (other units should be converted)	
5	Decomposition	Select from picklist: [ambiguous / no / yes]	
6	Method	Select from picklist: [Directive 84/449/EEC, A.2 / OECD Guideline 103 / other]. If [other] is selected, specify, e.g. [other: no information available]; in particular, indicate if a calculated approach was used, e.g. [other: calculated].	ME TC
7	Year	Enter year of method if known	
8	GLP	Select from picklist: [no, no data, yes] (see also C.0.1.3)	ME



#### Freetext fields

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:

TS Test substance; ME Method; TC Test conditions; RL Reliability; RS Results;  
CL Conclusion; RM Remarks; AD Attached doc.; RE Reference

**C.2.3 Density (to be prepared)**

C.2.3.1 Granulometry (to be prepared)

C.2.4 Vapour Pressure



Example screen

Only defined fields displayed (# list field; # non-list field)

2.4 Vapour Pressure

Last Changes **24-AUG-2000** Order Number **1** Reliabilities **2**

Value **6** **9** **hPa**

Temperature **50** °C

Decomposition

Method **OECD Guide-line 104** Year **1981**

GLP **no data**



Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	Value	Enter vapour pressure filling in: - subfield 3a: Select from picklist: [ $<$ / $<=$ / $=$ / $>$ / $>=$ / ca.] - subfield 3b-c: Enter numerical value or lower and upper range - subfield 3d: Select from picklist: [hPa] (other units should be converted) <b>Note:</b> ( $< 1/x 10^{-5}$ kPa converted to hPa is an acceptable entry.)	<b>RS</b>
4	Temperature	Enter numerical value.	
5	Decomposition	Select from picklist: [ambiguous / yes / no]	
6	Method	Select from picklist: [Directive 84/449/EEC, A.4 / OECD Guideline 104 / other (calculated) / other (measured)]. If [other] is selected, specify, e.g. [other: no information available]. Any additional information can be entered in the form of freetexts.	<b>ME</b> <b>TC</b>
7	Year	Enter year of method if known	
8	GLP	Select from picklist: [no, no data, yes] (see also C.0.1.3)	<b>ME</b>



Freetext fields

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:

**TS** Test substance; **ME** Method; **TC** Test conditions; **RL** Reliability; **CL** Conclusion;  
**RM** Remarks; **AD** Attached doc.; **RE** Reference

### C.2.5 Partition Coefficient



#### Example screen

Only defined fields displayed (# list field; # non-list field)



#### Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	log Pow	Subfield 3a: Select from picklist: [< / <= / = / > / >= / ca.] Subfield 3b-c: Enter numerical value or lower and upper range	<b>RS</b>
4	Temperature	Enter numerical value.	
5	Method	Select from picklist: [Directive 84/449/EEC / A.8, OECD Guideline 107 / OECD Guideline 117 / other (calculated) / other (measured)]. If [other] is selected, specify, e.g. [other: no information available]. Any additional information can be entered in the form of freetexts.	<b>ME</b> <b>TC</b>
6	Year	Enter year of method if known	
7	GLP	Select from picklist: [no, no data, yes] (see also C.0.1.3)	<b>ME</b>



#### Freetext fields

Optional or conditional entry of data in freetext form, in addition to data entered in defined fields:

##### Freetext type **RM** - Remarks

If appropriate, give reason why partition coefficient cannot be determined. For example: "Surface-active substance" or "Substance not stable in water"

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:

**TS** Test substance; **ME** Method; **TC** Test conditions; **RL** Reliability; **CL** Conclusion;  
**AD** Attached doc.; **RE** Reference

C.2.6 no IUCLID heading

C.2.6.1 Water Solubility



Example screen

Only defined fields displayed (# list field; # non-list field)

**2.6.1 Water Solubility**

Last Changes **24-AUG-2000** Order Number **1** Reliabilities **2**

Value **ca.** **3a** **400** **3b** .. **3c** **g/l** **3d** at **18** **3e** °C

pH **ca.** **4a** **2.5** **4b** .. **4** **4c**

Concentration **400** **4a** **g/l** **4b** at **18** **4c** °C

pKa **5** at 25°C

Descr. **miscible** **6**




Method **7** Year **8**

GLP **no data** **9**



Defined fields

No.	Field name	Guidance note	See also Freetext
1	Order Number	For optional entry (see guidance in chapter C.0.1.3)	
2	Reliabilities	Select code from picklist (see guidance in chapter C.0.1.3)	<b>RL</b>
3	Value	Enter water solubility filling in: - subfield 3a: Select from picklist: [< / <= / = / > / >= / ca.] - subfield 3b-c: Enter numerical value or lower and upper range - subfield 4d: Enter numerical value of concentration - subfield 4e: Select from picklist: [g/l / mg/l / other / vol%] - subfield 4f: Enter numerical value of temperature.	<b>RS</b>
4	pH	Enter pH value and concentration at temperature °C filling in: - subfield 4a: Select from picklist: [< / <= / = / > / >= / ca.] - subfield 4b-c: Enter numerical value or lower and upper range - subfield 3d: Select from picklist: [g/l / mg/l / other / vol%] - subfield 3e: Enter numerical value of temperature.	
5	pKa	Enter pKa value at 25 °C - subfield 4a: Select from picklist: [< / <= / = / > / >= / ca.] - subfield 4b-c: Enter numerical value or lower and upper range - subfield 3d: Select from picklist: [g/l / mg/l / other / vol%] - subfield 3e: Enter numerical value of temperature.	
6	Description	Description of solubility; select from picklist, e.g. [insoluble (< 0.1 mg/L) / miscible / etc.]; if [other] is selected, specify	










No.	Field name	Guidance note	See also Freetext
7	Method	Select from picklist: [Directive 84/449/EEC, A.5 / OECD-Guideline 115 / other]. If [other] is selected, specify, e.g. [other: no information available]. Any additional information can be entered in the form of freetexts.	 
8	Year	Enter year of method if known	
9	GLP	Select from picklist: [no, no data, yes] (see also C.0.1.3)	



### Freetext fields

Optional or conditional entry of data in freetext form, in addition to data entered in defined fields:

See guidance in chapter C.0.3 for setting Flags and C.0.2.3 for freetext types:

 Test substance;  Method;  Test conditions;  Results;  Reliability;  
 Conclusion;  Remarks;  Attached doc.;  Reference

C.2.6.2 Surface Tension (to be prepared)

**C.2.7 Flash Point (to be prepared)**

**C.2.8 Auto Flammability (to be prepared)**

**C.2.9 Flammability (to be prepared)**

**C.2.10 Explosive Properties (to be prepared)**

**C.2.11 Oxidising Properties (to be prepared)**

**C.2.12 Additional Remarks (to be prepared)**