

Standard Labelling Fields

HibSoft LabelPro links directly to your SDS Professional software installation to retrieve labelling information about your products. In so doing, the following fields are brought forward as standard:

Field Name	Lang*	Contents
Substance Line 1	N	Product name
Substance Line 2	N	Contains (in English)
Substance Line 3	N	Proper Shipping Name (in English)
UN Number	n/a	UN number
EC Number	n/a	EC number
EC Label	n/a	EC label indicator
Index	n/a	Index number
CAS	n/a	CAS number
Address	n/a	blank
Barcode	n/a	blank (can be added in LabelPro to add a barcode to your label)
IOD Text 1-4	Y	Text to accompany IOD Symbols 1-4 (European Symbols)
IOD Text 5-8	Y	Text to accompany IOD Symbols 5-8 (US Symbols)
Depot	n/a	blank (can be added in LabelPro to link product to a stored address)

*Lang:- Y = language selectable, N = English Only, n/a = not applicable.

All of the above are 'Database Fields' and can be incorporated into your label design by adding a Database Field with the appropriate field name to your label template. Fields that are language selectable can be displayed in any language available in your SDS Software (currently excepting Chinese, Korean and similar) and/or repeated in different languages (by adding additional Database Fields to your template).

In addition to the above, the following are also brought forward as standard.

Field Name	Lang	Contents/Type
Diamond 1-3	Y	Brought forward as Warning Diamond fields on your label design <i>NB: Marine Pollutant can be only be retrieved as Diamond 3, therefore you must have a Diamond 3 on your label design in your product requires an MP symbol.</i>
IOD Symbol 1-4	n/a	Brought forward as European IOD Symbol fields on your label design
IOD Symbol 5-8	n/a	Brought forward as US IOD Symbol fields on your label design



Additional Labelling Fields

As well as the above 'standard' fields, the following additional fields can also be retrieved from SDS Professional. To do so you need to create an 'Advanced Substance Text' field on your label using one of the following field names:

(see key at end of list for explanation of field contents)

Field Name	Field Index	Lang ID	Contents
\$101003	1	0	Part Code(s)
\$114006	1	0	ADR Class
\$114008	1	0	ADR Item No
\$114003	1	0	UK Road UN
\$114004	1	0	UK Road Class
\$114005	1	0	UK Road Packing Group
\$114020	1	0	Sea UN Number
\$114023	1	0	Sea Packing Group
\$114028	1	0	Air UN Number
\$114029	1	0	Air Trans Class
\$114030	1	0	Air Sub Class
\$114031	1	0	Air Packing Group
\$115002	1	0	Risk Phrases code list (codes only, no text – eg. R10,R34,R23/24)
\$115003	1	0	Safety Phrases code list (codes only, no text – eg. S45,S53,S60)
\$109036	1	0	Flash Point
\$114026	1	0	Marine Pollutant Text (if applicable) – See Note 1
\$609001	1	0	CRC
\$609002	1	0	Tactile Warning Device
\$115021	1	11	YL Gruppe (Norwegian only)
\$117357	1	11	YL Tall (Norwegian only)
\$101001	1-n	L	Product Name
\$101006	1-n	L	Address
\$114014	1-n	L	Proper Shipping Name
\$114015	1-n	L	Proper Shipping Name II
\$101005	1-n	L	Applications (with line breaks}
\$102008	1-n	L	Contains (with line breaks)
\$101006	1-n	L	Supplier Address
\$114002	1	L	Diamond Text (Text description of Transport Diamond) – See Note 1
\$115033	1-n	L	Detergent Labelling Information
\$115022	1	11	Corrected Occupational Air (Norwegian only)
\$101018	1	7	MAL Code (Danish only)



\$115030	1	7	RFU MAL Code (Danish only)
\$101013	1	7	Registry No Den (Danish only)

US Categories

\$915017	1	1	Label for Supply (Canada)
\$916001	1	1	NFPA - Health Hazard
\$916002	1	1	NFPA - Flamability Hazard
\$916003	1	1	NFPA - Instability Hazard
\$916004	1	1	NFPA - Special Hazard
\$916005	1	1	NPCA HMIS Health Rating
\$916006	1	1	NPCA HMIS Personal Protection Rating
\$916007	1	1	NPCA HMIS Flamability Rating
\$916008	1	1	NPCA HMIS Physical Hazard Rating

***Note 1:** Actual transport diamonds can be printed on a label using the diamond symbols. Text is NOT a valid alternative for displaying diamonds and is only intended for use where, for example, separate diamond labels are to be applied to a container and a textual indicator is required to instruct the operator which diamond(s) to apply.*

- Field Name** This is the SDS Professional internal field reference and must be used as indicated.
- Field Index** For single line data this is always 1. For data that is stored as multiple lines as text in SDS Professional, this will be from 1 to *n* (where *n* is the number of lines) indicating the line required. To display all lines, you will need to create a display field for each.
- Language ID** For fields that are not language specific (usually numerical data) this will always be 0. For fields that are stored in SDS Professional in a range of languages (indicated by *L*), use the HSL language code for the language required.

User Defined Fields (requires optional SDS Professional module):

The optional SDS Professional User Defined Fields module (contact Safeware Quasar to purchase or for more details) makes available up to ten user definable fields (five phrase fields and five attribute fields) in each section of the safety datasheet.

To access these fields for inclusion in labelling you need to know the data item number which identifies that field within SDS Professional. This can be established by concatenating the section and field codes taken from the list below.

- Sections: 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816 (representing sections 1-16 of the safety datasheet)
- Phrase Fields: 501, 502, 503, 504, 505 (representing phrases 1-5)
- Attribute Fields: 506, 507, 508, 509, 510 (representing attributes 1-5)

For example, the data item number for the 2nd user defined Phrase field in section 4 of the SDS would be **804502** (where 804 = Section 4, 502 = Phrase 2).

Next create an Advanced Substance Text on the label template using the following settings:

Field Name: \$nnnnnn (where nnnnnn = the data item number)

Field Index: Attribute fields = 1
Phrase fields = 1-*n* (where *n* = the number of lines in the text)

Language ID: Attribute fields = 0
Phrase fields = *L* (where *L* = the HSL code of the language required)

Displaying Multiple Lines in a Single Field

Where data is stored in SDS Professional as multiple lines, it may be desirable to display the whole of the data in a single field, rather than having to create multiple display fields. This can be achieved programmatically by creating an 'Advanced Function Text' field on the label template and inserting the following code to concatenate (join) the multiple lines into a single field.

NB: replace **nnnnnn** with SDS field reference, replace **L** with Language ID, replace **S** with line separator (eg: "/n" for new line, ",", " " for comma separator, " - " for dash separator, etc.

```
-- Display SDS Phrase
local title = "AnySDS (lang)"
local getSDS = "$nnnnnn"
local lid = L
local sepr = S
local fobj = { }

fobj.oninit = function(self)
    self.value = title
end

fobj.onsub = function(self)
    self.value = ""
    local item = val("sub["..lid.."]"..getSDS)
    if item then
        self.value = item[1] or ""
        local i = 2
        while item[i] do
            self.value = self.value..sepr..item[i]
            i = i + 1
        end
    end
end

table.insert(fields, fobj)
return table.getn(fields)
```