

## **Hazox EMS Release 3.4.1 Enhancements.**

### **Database Changes**

We have added 3 new tables to the Hazox Schema.

- MSACLDAT – This stores Product Specific Data for versions of the MSDS.
- MSACLDATL - This stores Product Specific Data for versions of the MSDS.
- CONFIGITEMS – This is used to store configuration information used Internally by Hazox.

The following columns in the Hazox Database have been changed.

- MSDS ID (increases from 12 to 50 characters)
- Customer name (increases from 30 to 60 characters)
- Country code (increases from 5 to 50)

### **MSDS Archive Enhancement**

The Hazox application has been enhanced to appropriately archive print/display time values as they change in the database. This allows for an accurate view of the historical MSDS.

Example Print Time values are:

ProductAlias  
ProductName  
ManufacturerName  
StockNumber  
User Functions  
Range tables

Any value that is designated on an MSDS as {FIELD:xxx}. These values are resolved when a document is printed and displayed.

The archiving of the values occurs at MSDS Generation time, making the values specific to that version of the MSDS.

### **MSDS ID Length Increase**

The MSDS ID in the Hazox Application has been increased to 50 characters from 12 characters. The actual length of the field is now configurable, by using the CONFIGITEMS table. In this table you will see an entry for DocumentID:Len which is defaulted to 50 during the upgrade. Should you decide you do not want to allow the full 50 characters, you can change this. Changing the length does not change the database table, just the amount of data allowed to be entered in the Hazox Application.

Note: If you decide to change the length, be careful you understand it's effects.

### **Customer Name Length Increase**

The Customer name in the Hazox Customer tables has been increases from 30 to 60. This allows for the full name to be used in the MSDS Dispatch functionality. Previously any value larger than 30 was truncated.

### **Country Code Length Increase**

The country code in the MSDS Dispatch module has been increased from 5 to 50. This was an correction to an earlier problem.

### **AMYUNI PDF**

Hazox now supports AMIUNI PDF Writer as well as Adobe Acrobat for MSDS Publishing.

### **MS Publisher 2003 support**

The Hazox Labeling application supports MS Publisher 2003 as well as MS Publisher 2002.

### **MSDS Dispatch Enhancements**

It is now possible to send Dispatch e-mails using different values in the From Address and Subject fields, based on the Location associated with the dispatch request. This Location is stored in the DQLOC field of the DISPDTAQ table. This field will be used to look up the From Address and Subject lines from a Range Table.

#### **Range Tables**

Two new range tables are required:

Range Table: "DISPATCH MFG EMAIL FROM"

Key = Location ID

Value = From Address

Range Table: "DISPATCH MFG EMAIL SUBJECT"

Key = Location ID

Value = Subject

In either of these Range Tables, the value can either be entered directly, or a standard phrase can be specified. If the value is in the form of "{PHRASE:xxx}" (where "xxx" is a standard phrase ID), the phrase will be used. Otherwise, the value will be used directly.

Note that only standard phrases of type "Text" are supported for this purpose.

#### Code Page Support

In order to support languages with code pages other than the default, it is necessary to set up a new System Table.

System Table: "ISO CODE PAGE"

Code = Language Code

Value = ISO Code Page (i.e. "iso-8859-1", "iso-8859-2", etc.)

The language used in the dispatch request will be looked up in this System Table. If an entry is found, the associated code page will be used in the e-mail. If no entry is found (or if the System Table does not exist), the default code page will be used.