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Baxa Corporation
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Software Alert **Abacus™ TPN Calculation Software**

This Software Alert applies to Abacus TPN Calculation Software, Version 1.x, manufactured by Baxa Corporation.

Dear Abacus Software User:

One of our valued customers identified an unintended program behavior in our Abacus Software. The identified deficiency affects all versions of Abacus released to date. This Alert describes the conditions under which this behavior will occur and our plan for remediation.

The deficiency described below occurs in the value field of the last ingredient within the order entry grid only if the user follows the specific steps outlined below.

Description of Current Software Behavior

The occurrence of this deficiency is only reproducible in the unlikely event that a user completes all of the following steps:

1. User creates a new order with a quantity of ingredients that exceed the default screen display area (i.e., user must scroll down to see ingredients at the bottom of the order grid).
2. The next to last ingredient on the order grid must have a user-selected value in the Numerator field.
3. The last ingredient on the order grid must have a value in the Value field.
4. User selects "Done."
5. Any user then chooses to "Repeat Last" on that order.
6. User navigates to last ingredient on order grid and changes the value in Value field to zero.
7. User navigates out of the Value field by pushing the up arrow key on keyboard (pushing Tab, Enter, or using Mouse will not recreate the defect).
8. The software will disable the value field (i.e., the ingredient value will turn grey and will become uneditable).
9. User then selects "Done."

Under these conditions, the label generated by Abacus, and the order entry screen, will not display the last ingredient (the ingredient with a zero value), but the file sent to the Baxa compounding device and the formula itself will still contain the original value (the ingredient that was modified to a zero value will still appear in the formula with its original value).



Recommended Actions:

Baxa Corporation has changed this software behavior in Abacus Version 2. We expect to have Version 2 available by mid-April 2006.

Until Abacus Version 2 is available, after changing the value of the last item in the grid, if it becomes disabled, users should click the formula button to open the Order Outputs screen. The previous value for the ingredient will be visible on the Formula screen, but once the Order Outputs screen is closed, the order grid will refresh and the order will recalculate and correctly re-enable the ingredient value.

To minimize the risks associated with this error, users are discouraged from using the arrow keys on the keyboard to navigate through the order. Use of other keys or the mouse, prevents the manifestation of this program behavior.

If you need any additional assistance, please consult Baxa Technical Support (800-678-2292).

We apologize for any inconvenience this may cause you.

Sincerely,

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