



## GUARDMAX™ (HPA)

**Guardmax HPA (Hydroxyphosphono acetic acid)** is a unique high performance ferrous metal corrosion inhibitor containing  $PO_4$  as active organic phosphorus and a cost effective agent for the prevention of ferrous metal corrosion. It will obviously reduce the corrosion even to low levels in soft corrosive water while neither HEDP nor PBTC were effective.

### ADVANTAGES

- \*Applicable in all-organic or zinc formulations
- \*Provides robust corrosion control
- \*Environmentally compatible alternative to chromate in refrigeration brines
- \*To resist high temperature (up to 160 degree C)

### APPLICATIONS

- \*Open cooling water systems
- \*Oil drilling field water treatment
- \*Refrigeration brines
- \*Closed cooling water systems

### PROPERTIES

CAS number : 23783-26-8  
Molecular weight : 156  
Solid content : 55% min.  
Appearance : Dark brown liquid  
pH(1% solution) : Less than 2.0  
Specific gravity @ 20°C : 1.35 - 1.42  
Total phosphate : 30 - 36%

### PACKING

Non-returnable polyethylene drum with a net weight of 250kg(550lb).

Recommendations given in this bulletin are based on tests believed to be reliable. However, the use of the product is beyond the control of RPL Trading and no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from misuse of the product as such, or combination with other materials. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.

RPL TRADING PTY LTD • ABN 88 087 329 128 • 159-161 ALLINGHAM ST GOLDEN SQUARE  
VIC 3555  
8.30AM-5.30PM PHONE: 1300 132 134 • FAX: 1300 669 660  
AH. 0417 15 38 31