



Technical Information

GuardmaxTM

I15PC

***“A broad spectrum bactericide and
fungicide
for personal care.”***

COMPOSITION

GUARDMAX I15PC is a premium aqueous formulation, of formaldehyde-free various isothiazolinones.

FIELD OF APPLICATION

With its broad spectrum of activity, and good water solubility **GUARDMAX I15PC** is a versatile preservative which is easy to use.

It is a broad spectrum preservative for use in personal care, detergents, soaps, shampoos & aqueous coatings. # Note not to be used in creams or non wash off applications. We suggest Xymax 115 for these applications.

APPROVALS: Guardmax I15PC actives are approved under the following:

FDA 21CFR 175.105 Adhesives

FDA 21CFR 176.170 Paper and paper board components in contact with aqueous and Fatty Foods.

FDA 21CFR 176.180 Paper and Paper board components in contact with Dry Food

BGA Chapter 36 Preservatives for paper cartons and hand cartons in contact with food

PROPERTIES

- Appearance : Clear to Slight yellow.
- Specific Gravity : 1.02g/cm³ @ 25°C.
- pH – 1% solu : Approx 3-5
- Solubility (water) : Soluble.
- Solubility (other) : soluble in alcohols and glycols.
- Assay of isothiazolinones: 1.3-1.7% (HPLC).
- Actives : Methylchloroisothiazolinone & methylisothiazolinone

APPLICATION RATES

Personal Care Applications : 0.05-0.1%

This should be confirmed by manufacturers for each application.

It is not to be used in areas of direct contact with mucous membranes, ie mouth,eyes,lips

ECOLOGICAL INFORMATION

The concentrated product is labelled: corrosive may cause sensitisation by skin contact. See MSDS on this product for further important information.

TECHNICAL BULLETIN

STORAGE CONDITIONS

Ensure that all drums are sealed when product is not in use.

SAFE HANDLING PRACTICES

When working with chemicals, protective clothing should be worn at all times. This equipment should include impervious gloves, goggles and protective clothing. For detailed health and safety information, refer to the relevant MSDS Bulletin.

ATTENTION

The data contained in this technical bulletin is based on extensive laboratory studies and field applications through bulk trials. Since there are many factors that may influence processing and application, the information herein does not exempt the user from performing their own tests and experiments to determine the suitability of the product for their own application.

The information contained does not provide any liability or legally binding guarantee regarding the suitability and properties of the product for a specific end use. It is the obligation of the user to ensure those proprietary rights; laws and legislation are observed.

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| Created: 20 September 2002 | Version: 02 |
| Printed: 19 June, 2008 | Author: RM |