



PROMEX™ OZP

Dry Film Fungicide

PROMEX™ OZP is a VOC free combination designed to protect surface coatings from fungal and algal growth Formulated as an aqueous dispersion of 2-n-Octyl-4-isothiazolin-3-one (OIT) and Zinc pyrithione, specifically developed for interior use.

Key features

- effective fungicide combination
- dry film protection specifically for interior use
- carbendazim and diuron free
- aqueous based, readily flowable water dispersion, VOC free
- broad spectrum of activity especially effective against a wide range of fungal species
- free from formaldehyde, formaldehyde releasers, phenolics, heavy metals
- easy to incorporate into products including paints, coatings, sealants and adhesives
- low leaching rates
- cost effective
- good compatibility with other commonly used raw materials

Characteristic properties

- white to cream free flowing aqueous dispersion
- compatible with most raw materials used in coating formulations
- easy to incorporate
- dispersible in water and alkyd based products

PROMEX™ OZP is manufactured to the highest purity standards using modern dispersion technology techniques.

PROMEX™ OZP prevents or minimises microbial deterioration of products and resulting consequences such as mould growth, unsightly discolouration and staining.

Microbial efficacy

PROMEX™ OZP

Bacteria	MIC (ppm)	Fungi and yeasts	MIC (ppm)
<i>Escherichia coli</i>	200	<i>Aspergillus niger</i>	25
<i>Staphylococcus aureus</i>	200	<i>Penicillium fusiculosum</i>	25
<i>Bacillus subtilis</i>	80	<i>Alternaria sp</i>	25
<i>Pseudomonas fluorescens</i>	100	<i>Fusarium sp</i>	50
<i>Proteus vulgaris</i>	20	<i>Candida albicans</i>	10
<i>Pseudomonas aeruginosa</i>	>500	<i>Saccharomyces cerevisiae</i>	10

Applications

PROMEX™ OZP is suitable for the preservation of a wide variety of industrial coating products and adhesives and sealants where dry state protection is required.

It shows highest efficacy and stability in a wide pH range of pH 4 – 10.

Use levels of **PROMEX™ OZP** normally range from 0.5 – 2% based on total weight of finished product.

Experience shows that compatibility with most products and raw materials is excellent, although compatibility testing and determination of most effective use concentrations is recommended.

Application areas

- interior architectural paints and coatings
- adhesives
- sealants and caulks
- grouting compounds

Ecological effects (OZP)

Biodegradable. When diluted below the minimum inhibitory concentration the constituents of **PROMEX™ OZP** have low bioaccumulation potential.

Toxicological effects

Refer to MSDS.

DISCLAIMER

All information contained in this brochure is given in good faith, and without liability. It is intended for guidance only.

Users are advised to conduct their own independent examination of the product to ascertain its suitability for incorporation into processes or products.

Users should ensure that the use of the product complies with all pertinent current legislation.