

# Equinox™ Stabiliser 15

## An Effective Halogen Stabiliser

### Equinox™ Stabiliser 15

Equinox™ Stabiliser 15 is a component of a two-part control program for aqueous slime and biofilm control, specifically for the paper-making industry as well as cooling systems. Together with the first component, halogen-based products, it helps to enhance the efficacy of traditional active chlorine-based sanitisers against sessile bacteria and assists in reducing vapor corrosion risks.

#### Application

- Applied via a dosing pump and mixed with the halogen-based product via a static mixer. Polyvinylidene Fluoride (PVDF) or Polytetrafluoroethylene (PTFE) piping is recommended.

#### Use Areas

Equinox™ Stabiliser 15 is intended for use in the process waters used in the manufacture of paper and paperboard, as well as in industrial water treatment, water injection systems used for water flooding and produced water.

Equinox™ Stabiliser 15 is intended to stabilise the biocide/active ingredient, hence assisting in slime control. It minimises the decomposition of active halogen caused by the high halogen demand of papermaking waters.

Equinox™ Stabiliser 15, when blended with an active halogen source, produces a distinctive, hydantoin stabilised solution ideally suited for high performance paper machines. When used as directed, Equinox™ Stabiliser 15 helps to reduce the quantity of active halogen required for slime control and aids in maximising the compatibility with sensitive process additives. By reducing interactions with sources of active halogen demand (including sensitive process additives such as optical brighteners, retention aids, and wet and dry strength aids) Equinox™ Stabiliser 15 provides an optimised balance of microbial control and halogen stabilisation.

Typical Properties	
Active ingredients:	5, 5-dimethylhydantoin (7.5%) 5, 5-dimethylhydantoin monosodium salt (7.5%)
Form:	Aqueous solution
Appearance:	Clear, water white liquid
Activity:	14.0 – 16.0%
Density:	1.05 g/m <sup>3</sup>
pH:	9.0 – 10.0
Crystallisation Point:	<4°C
Solubility in Water:	Fully soluble
Physical Stability in Water	Stable



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## Advantages When Compared to Utilising an Oxidiser Only

- Promotes a reduction in vapour corrosion.
- Reduced oxidant reactions with organics e.g. with oil and other organics in steel processing
- Reduces the predisposition for AOX generation
- Low equipment and maintenance costs
- Lowers the consumption of oxidising compounds (as less readily consumed by organics)

## Regulatory

Please consult product SDS.

## Storage

Equinox™ Stabiliser 15 is stable over a period of four years provided it is stored in a cool, dry area. Avoid mixing Equinox™ Stabiliser 15 with strong acids and strong alkalis.

## Safety And First Aid Measures

Please consult product SDS.

## Packaging

Equinox™ Stabiliser 15 is available in 1 ton IBC Flowbins.

## Product Code

Equinox™ Stabiliser 15: 00175232



Equinox™ Stabiliser 15 is an effective stabiliser of active chlorine, specifically tailored for cooling systems and the papermaking industry.

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