

Genesys 2160

BIODISPERSANT AND COPPER CORROSION INHIBITOR

PRODUCT DESCRIPTION

Genesys 2160 is a blend of yellow metal corrosion inhibitors for use as a supplementary product where copper or copper based metallurgy is to be protected or where the treatment programme does not contain a yellow metal inhibitor. Genesys 2160 contains no toxic chemicals and can be discharged directly into effluent without any pollution problems.

Genesys 2160 also contains a powerful surface-active compound to provide bio-dispersancy to retard formation of bio films. Genesys 2160 also improves penetration power of chlorine, bromine, chlorine dioxide (oxidising biocides) as well as non oxidising biocides to enhance their effectiveness.

TYPICAL PROPERTIES

Appearance:	Clear colorless to yellow liquid
Wt/ml:	1.0 to 1.1
pH (As Is):	3 to 6
Solubility:	Soluble in water

ADVANTAGES

- It is a strong yellow metal corrosion inhibitor.
- It is effective over a wide range of pH.
- It has excellent thermal and hydrolytic stability.
- It is non-toxic and non-polluting, therefore can be discharged directly into the effluent without any problem.
- It is a specific halogen resistant blend of inhibitors.
- Contains a powerful biodispersant.

APPLICATION AND DOSAGE

Proper use level depends on various factors and conditions encountered in specific systems. For best results, continuous feeding of Genesys 2160 is recommended. Normally it is used in conjunction with other corrosion inhibitors for most aqueous systems. Initial passivation requires a higher dose. Once the system is passivated normal concentration level can be maintained. The product should be slug dosed or fed neat from the container using non-corrosive MOC like PP, PE, PVC or Teflon. Our field experts will help you in designing a suitable dosing arrangement for your system.

HANDLING AND STORAGE

- Avoid contact with eyes and prolonged contact with skin. Do not take internally.
- In case of contact with eyes, flush with ample water and get prompt medical attention.
- Gloves and goggles should be used where appropriate.
- Genesys 2160 containers should be stored airtight under shade and away from direct sunlight.

PACKING

Genesys 2160 is available in 30 / 50 kg HDPE carboys / drums