



## Mohafez-2626

# Polymeric Phosphate Corrosion Inhibitor for Once Through Systems



- **Mohafez-2626** (once through) is a high performance polymeric organic phosphate corrosion inhibitor developed for the treatment and protection of once-through systems.

**Mohafez-2626 (once through) is scientifically formulated as a polymeric phosphate corrosion and scale inhibitor.**

- Mohafez-2626 (once through) protects both carbon steel and galvanized pipes.
  - Is designed for use in once-through potable water and RO systems.
  - It does not have any adverse effect on water TDS (no interference with cooling water treatments.)
  - Made from food grade chemicals.
  - Neutralizes acidic characteristics of RO water.
- Mohafez-2626 (once through) also helps to prevent iron deposition and staining due to “red water”.

## Product Benefits

- High performance corrosion inhibitor for once-through potable water systems
- Helps prevent iron deposition and staining due to “red water”
- Polymeric phosphate based
- Convenient liquid product

## Product Properties

Form:	Liquid
Color:	Clear, colorless
pH:	11.0 - 12.0
Specific Gravity:	1.20 - 1.25

- \*Full details of the product properties are available in the Safety Data Sheet. See below.



شرکت پترو آریا  
[www.petroarya.com](http://www.petroarya.com)  
oil field chemicals, corrosion  
inhibitors, biocides RO chemicals

Tel: 021-4440 4670  
021-4440 4632  
Fax: 021-8978 4403  
Email: [FPA@petroarya.com](mailto:FPA@petroarya.com)

## Application & Dosage Information

- The target dosage range for Mohafez-2626 (once through) is 20-30ppm in the water line ; the exact dosage may be determined by local regulations.
- Dosage Strategy**  
Mohafez-2626 (once through) should be fed neat or as part of an appropriate mix to the pipeline where it can be uniformly mixed and thoroughly distributed using a chemical metering pump.  
**Performance Monitoring**  
Appropriate use of Mohafez-2626 (once through) following the above dosing strategy should result in a corrosion rate of less than 2 mpy.  
It is always advisable to carry out a 'Control Of Substances Hazardous to Health' (COSHH) assessment before use.
- For additional assistance please contact Petro Aria

## Test Methods

- Phosphate Drop test - Thorium Nitrate titration
- Phosphate UV photolysis + color disc

## Material of Compatibility

Material	Comments
SS :	Acceptable
MS :	Acceptable
PE :	Recommended
PP :	Recommended
PVC :	Acceptable
Teflon :	Acceptable

## Safety, Storage & Handling

- Mohafez-2626 (once through) is an alkaline solution. Avoid contact with skin, eyes or clothing. If skin comes into contact with product, wash with water. If eyes are affected, flush with water for at least 15 minutes and get medical attention.