



Nimir Specialty Chemicals FZE

INO-SPERSE 910

INO-SPERSE 910 is universally applicable multi purpose complexing agent. It complexes hardness builders, disperse scale and incrustation.

Nature:	Organic phosphoric compound.
Ionicity:	Anionic.
Physical Form:	Clear, colorless to yellowish liquid.
pH (1% solution):	Approx. 6±0.5
Storage:	Shelf life up to 12 months subject to storage in sealed containers away from direct sunlight.
Compatibility:	Compatible with nonionic and anionic products.

Properties:

- INO-SPERSE 910 is a highly efficient complexing agent that complexes hardness builders and removes incrustation.
- Acts as corrosion inhibitor and specially recommended for the removal of oxide and silicate-deposits in units and pipelines etc.
- Excellent sequestering action even in the lower stoichiometric ratio (Threshold effect)
- Improves the colour, taste and appearance of water
- Enhances the life of equipment and piping by removing scales and corrosion.

Action:

INO-SPERSE 910 has an excellent complexing action for ions like Ca(++), Fe(+++) and Cu(++).

Complexing of Metal Ions:

(Expressed in mg metal ion per gram of Ino-sperse 910 at pH 10-11)

	20°C	98°C
Iron	475	306
Copper	338	357
Calcium	71	60

Application:

The application rate depends on a number of factors such as water hardness, type of process employed and local conditions etc. As a reference 0.12 – 0.25 Kg per liter of water would be adequate to obtain optimum results.

Safety:

Due attention should be given to the precautions for handling chemicals provided in our Material Safety Data Sheet.

Remarks:

The information submitted in this publication is given in good faith but without warranty, In view of the many factors that may affect the application, users are recommended to carry out their own trials to determine the suitability of the product for their practical requirements. We cannot accept responsibility for any damage or loss resulting from the use of this information.