



PRODUCT BULLETIN

MAKS 6440

CATIONIC POLYELECTROLYTE

GENERAL DESCRIPTION

MAKS 6440 is a moderate molecular weight, cationic polyelectrolyte designed to neutralize charges of suspended solids.

PRINCIPAL USES

MAKS 6440 is a liquid cationic polyelectrolyte recommended for use in the following applications:

- Conditioning for sand and gravel filtration of surface and industrial water
- Clarification of waste water/recirculating water
- Sludge thickening and dewatering in municipal waste treatment plants
- Sedimentation aid for clarification with inorganic flocculants
- Cationic component in 2-step flocculation
- Potable water applications (up to 57 ppm).

PRODUCT BENEFITS

- Liquid, easy to handle
- Completely miscible with water
- Effective over a wide pH range
- Reduces treatment sludge
- Reduces or eliminates the need for pH adjustment
- Forms a large, rapid settling floc
- Is effective at low temperatures.

DOSAGE

The specific dosage of **MAKS 6440** will vary depending on the operating characteristics of the system, the water chemistry and the severity of problems encountered.

Your **BİMAKS** representative will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system parameters.

MAKS 6440 comply with NSF (National Sanitation Foundation) regulations for the use in potable water applications up to a dosage of 57 ppm.

FEEDING

MAKS 6440 is completely miscible with water and should be in-line diluted to a 1 – 10 % solution prior to use. **MAKS 6440** should be applied at a point where maximum distribution and mixing is ensured. By using more diluted solutions of **MAKS 6440** and mixing after application it is possible to increase efficiency.

MATERIALS: Storage and application equipment (pumps, lines) should be made of PVC, PP, PU, PE, Teflon, Viton, Hypalon or Rubber. Do not use Aluminium, Brass, Mild Steel, Stainless Steel (304, 316), Nickel, Carbon Steel or Copper Alloys in contact with the neat product.

HANDLING-STORAGE-SHIPING

As a standard precaution with all chemicals we recommend the use of personal protective equipments such as goggles and rubber gloves when handling. Consult the Material Safety Data Sheet as the only official source of Environmental and Safety information.

MAKS 6440 can be stored for at least 24 months from date of shipping if kept in its original, unopened container and under normal warehouse conditions. Protect from freezing and from exposure to high temperature.

MAKS 6440 is available in non-returnable containers of different sizes.

REMARKS

If you need assistance or more information on this product, please call 0850 522 71 04. For more news about **BİMAKS** Company, visit our website at www.bimakskimya.com.tr