

LG QuantumPure™ IX Resins

Technical Service Bulletin 901

Ion Exchange Resins Handling, Storage and Disposal

1. Handling

To prevent contact with the eyes and skin, appropriate Personal protective equipment (PPE) should be used/worn, and work should be done in a well-ventilated area. An eye-wash facility must be installed. Beware of slippery floor there is ion exchange resins spillage.

Avoid contact with hot substances, sparks etc. as the Resin may get damaged. Similarly contact or mixing with oxidizing agents or nitric acid shall be avoided.

2. Storage

Store in a dry place with good ventilation and avoiding avoid direct sunlight. The packaging container should be sealed to prevent contamination and drying of Resins. The resin drums or bags should not be stored along with oxidizing agents.

Storage at high temperatures can cause rapid degradation of ion exchange resins. Storage at 0°C or below may cause can frequent freezing and thawing resulting into cracked beads of the Ion Exchange resins, so caution should be taken in extreme cold weathers.

3. Disposal

Disposal of ion exchange resins shall be done by landfill or incineration in accordance with Local, State and Federal Statutory requirements. Incineration should be done using a suitable incinerator equipped complying with regulatory norms.

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