

Global Ultra-high purity Manganese sulphate market basic information & types, application, region and its analysis

Ultra high-purity Manganese sulphate (also referred as UHPMSM) is a key product used in manufacturing process of Nickel-Cobalt-Manganese (NMC) cathodes in batteries used for electric vehicles.



New York City, Nov 11, 2020 ([IssueWire.com](https://www.issuewire.com)) - **Basic information about Ultra-high purity Manganese sulphate.**

[Ultra high-purity Manganese sulphate](#) (also referred as UHPMSM) is a key product used in manufacturing process of Nickel-Cobalt-Manganese (NMC) cathodes in batteries used for electric vehicles. UHPMSM or ultra-high purity manganese sulphate is used as precursor, current R&D activities from notable companies have highlighted this product in the recent times. novel technology is expected to provide an exponential thrust to demand for manganese sulphate in the years to come.

Global Ultra-High Purity Manganese Sulphate Market Segment Analysis:

By Type: The Ultra High-Purity Manganese Sulphate (UHPMSM) segment is projected to account for highest share in terms of revenue and register comparatively higher CAGR of over 28.6% over the 10-year period.

By Application: The battery use segment is expected to account for higher revenue share in the

market and register higher growth of over 23.6% as compared to the other uses segment.

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Global Ultra-High Purity Manganese Sulphate Market: Analysis by Region:

Asia Pacific ultra-high purity manganese sulphate market is expected to account for majority revenue contribution in the global market for the 10-year period and revenue from the Asia Pacific market is projected to expand at a substantially high compound annual growth rate over the next 10 years.

Europe market is projected to record second-highest revenue contribution in the market. The market in other regions (South America, and Middle East & Africa) is projected to register highest growth rate of over 59% over the 10-year period.

Global Ultra-High Purity Manganese Sulphate Market Segmentation:

By Product Type:

Ultra High-Purity Manganese Sulphate (UHPMSM)

High-Purity Electrolytic Manganese Metal (HPMSM)

By Application:

Battery Use.

By Region:

North America, Europe, Asia Pacific, Other Regions (South America, and Middle East & Africa).

Key Developments by Companies:

In 2018, Toshiba launched its own battery technology called SCiB (Super Charge Ion Battery). The positive electrode of the battery contains manganese oxide, which claims that the battery can be charged in the space of less than 10 minutes.

In May 2018, Stanford scientists have developed a water-based battery that could provide a cheap way to store wind or solar energy, which can be fed back into the electric grid and redistributed on high demand. The prototype manganese-hydrogen battery, stands just three inches tall and generates a mere 20 MilliWatt hour of electricity, which is on par with the energy levels of LED flashlights one might hang on a key ring.

Opportunity for Global Ultra-High Purity Manganese Sulphate Market:

Going by an optimistic scenario, the global ultra-high purity manganese sulphate market revenue is projected to expand at a CAGR of over 28% and reach a value of more than US\$ 2000 Mn in 2029. Considering a likely scenario, the global market revenue is expected to expand at a CAGR of 23.7% and reach a value of around US\$ 1800 Mn. While a conservative scenario would result in the global ultra-high purity manganese sulphate market registering a CAGR of around 18% and value of around US\$ XX Mn over the 10-year period.

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