

Global Peroxide Based Groundwater Remediation Chemicals Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Peroxide Based Groundwater Remediation Chemicals market size was valued at US\$ 442 million in 2025 and is forecast to a readjusted size of US\$ 805 million by 2032 with a CAGR of 8.9% during review period.

In 2024, global peroxide based groundwater remediation chemicals production reached approximately 171,892 ton, with an average global market price of around USD 2,500 per ton. A factory gross profit of USD 500 per ton with 20% gross margin. A single line full machine capacity production is around 5,000 ton per line per year. downstream demand is concentrated in environmental remediation, municipal and industrial water treatment, infrastructure development. A petroleum service station groundwater plume containing BTEX was treated using sodium persulfate + PERMEOX® Ultra (calcium peroxide) injections. Peroxide-based groundwater remediation chemicals are strong oxidizers like hydrogen peroxide (H₂O₂), calcium peroxide, or sodium percarbonate, injected into contaminated soil/water to destroy organic pollutants (hydrocarbons, chlorinated solvents) by converting them into less harmful substances (CO₂, water) through powerful reactive species like hydroxyl radicals, a process called In Situ Chemical Oxidation (ISCO). These peroxides act as slow-release oxygen or peroxide sources, often needing activators (iron, heat, UV) to generate radicals for rapid contaminant destruction, making them a cost-effective, in-place treatment for hazardous waste sites.

This report is a detailed and comprehensive analysis for global Peroxide Based Groundwater Remediation Chemicals market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As

the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Peroxide Based Groundwater Remediation Chemicals market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Peroxide Based Groundwater Remediation Chemicals market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Peroxide Based Groundwater Remediation Chemicals market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Peroxide Based Groundwater Remediation Chemicals market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Peroxide Based Groundwater Remediation Chemicals

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Peroxide Based Groundwater Remediation Chemicals market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Solvay S.A., Carus Corporation, Regensis, Evonik Industries, EOS Remediation, OCI Company Ltd, BASF SE, Arkema Group, Kemira Oyj, Aditya Birla Chemicals, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Market Segmentation

Peroxide Based Groundwater Remediation Chemicals market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hydrogen Peroxide

Fenton and Modified Fenton Systems

Activated Persulfate and Peroxydisulfates

Percarbonates or Peroxhydrate Agents

Others

Market segment by Form

Liquid Solutions

Granular Solids

Encapsulated Forms

Slurry or Paste Systems

Others

Market segment by Usage

In Situ Injection

Recirculation Systems

Pulsed Dosing

ISCO Integrated Systems

Others

Market segment by Application

Environmental Remediation

Municipal and Industrial Water Treatment

Infrastructure Redevelopment

Major players covered

Solvay S.A.

Carus Corporation

Regensis

Evonik Industries

EOS Remediation

OCI Company Ltd

BASF SE

Arkema Group

Kemira Oyj

Aditya Birla Chemicals

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Peroxide Based Groundwater Remediation Chemicals product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Peroxide Based Groundwater Remediation Chemicals, with price, sales quantity, revenue, and global market share of Peroxide Based Groundwater Remediation Chemicals from 2021 to 2026.

Chapter 3, the Peroxide Based Groundwater Remediation Chemicals competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Peroxide Based Groundwater Remediation Chemicals breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Peroxide Based Groundwater Remediation Chemicals market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Peroxide Based Groundwater Remediation Chemicals.

Chapter 14 and 15, to describe Peroxide Based Groundwater Remediation Chemicals sales channel, distributors, customers, research findings and conclusion.

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