

kinetico parts list

The quest for a comprehensive **kinetico parts list** can feel like navigating a maze for many homeowners. Whether you're a DIY enthusiast looking to perform routine maintenance, a technician troubleshooting a water softener or filtration system, or simply seeking to understand the components of your Kinetico equipment, having access to accurate part information is crucial. This article aims to demystify the world of Kinetico parts, providing an in-depth look at various systems, common replacement components, and how to effectively locate the specific Kinetico water softener parts or Kinetico water filter parts you need. We will explore the different types of Kinetico systems, break down the essential components, and offer guidance on identifying and sourcing these vital pieces to ensure your Kinetico system continues to operate at peak performance.

Understanding Your Kinetico System for Parts Identification

Kinetico Water Softener Parts: Core Components and Replacements

Kinetico water softeners are renowned for their efficiency and innovative design, often featuring twin-tank systems that ensure continuous soft water supply. Identifying the correct Kinetico water softener parts is the first step in any repair or maintenance task. These systems are complex, but by breaking them down into their core components, the process becomes manageable.

Control Valve and Head Components

The control valve, often referred to as the valve head, is the brain of the Kinetico water softener. It manages the regeneration cycles, directing water flow throughout the system. Common Kinetico softener parts within the valve head include diaphragms, O-rings, piston seals, and venturi assemblies. Over time, these components can wear out due to mineral buildup or age, leading to issues like salt tank overflow, inefficient regeneration, or a loss of softening capacity. Knowing the specific model number of your Kinetico softener is essential for sourcing the correct replacement valve head or individual internal Kinetico water softener parts.

Resin Tank and Media

The resin tank is where the ion exchange process takes place, removing hardness minerals like calcium and magnesium from your water. The tank itself is typically made of durable fiberglass-reinforced plastic. Inside, you'll find the ion exchange resin beads, which are the active softening media. Over many years, the resin can become exhausted or fouled, requiring replacement. While the

tank itself is durable, the resin is a consumable part that will eventually need attention. Sourcing the correct Kinetico water softener resin is important for restoring optimal softening performance.

Brine Tank and Related Components

The brine tank stores the salt solution (brine) used to regenerate the resin. Kinetico brine tanks are typically made of plastic and are designed to hold a specific amount of salt and water. Key Kinetico parts associated with the brine tank include the brine well, the float assembly, and the brine line. The float assembly regulates the water level in the brine tank, preventing overfilling. The brine well is where the salt is dissolved to create the brine solution. Issues like a stuck float or a clogged brine line can prevent proper regeneration.

Internal Plumbing and Connectors

Connecting the various parts of your Kinetico softener are various internal plumbing components and connectors. These can include O-rings, seals, internal tubing, and various fittings. These parts, though seemingly minor, are critical for preventing leaks and ensuring proper water flow during both softening and regeneration cycles. When undertaking maintenance, it's often recommended to replace common wear items like O-rings and seals to preemptively address potential leaks.

Kinetico Water Filter Parts: Ensuring Pure Water

Beyond water softeners, Kinetico also offers a range of water filtration systems designed to address various water quality concerns, such as chlorine taste and odor, sediment, or specific contaminants. Finding the right Kinetico water filter parts is vital for maintaining the effectiveness of these systems.

Cartridge Filters and Housings

Many Kinetico filtration systems utilize replaceable cartridge filters. These cartridges are designed to capture specific impurities. Common Kinetico filter parts include sediment filters, activated carbon filters, and specialized media filters. The filter housing is the unit that contains the cartridge. Over time, cartridges become clogged and need to be replaced according to the manufacturer's recommendations or when system performance indicates a need. The housing itself, while generally durable, may occasionally require seal or O-ring replacements.

RO Membrane and Post-Filters (Reverse Osmosis Systems)

For Kinetico reverse osmosis (RO) systems, the RO membrane is the heart of the purification process, removing dissolved solids. This is a key Kinetico water filter part that has a finite lifespan and requires

periodic replacement. In addition to the RO membrane, RO systems typically have pre-filters (often sediment and carbon) and post-filters (typically carbon) that polish the water after it passes through the membrane. Ensuring these Kinetico RO parts are current is essential for producing high-quality drinking water.

Service Kits and Common Replacement Parts

Kinetico often offers service kits specifically designed for certain models or components. These kits typically bundle together common wear items that are frequently replaced during routine maintenance. For example, a control valve service kit might include all the necessary O-rings, seals, and diaphragms for a specific valve head. Purchasing these kits can be more cost-effective and convenient than buying individual Kinetico parts. Looking for Kinetico service parts can streamline your maintenance efforts.

Sourcing Kinetico Parts: Where to Find What You Need

Locating the precise Kinetico parts can sometimes be challenging, but several avenues are available to assist you. Understanding these options will help you quickly find the Kinetico water softener parts or Kinetico water filter parts you require.

Consulting Your Kinetico System Manual

The most definitive source for Kinetico parts information is often your system's owner's manual or installation guide. These documents usually contain detailed diagrams, part numbers, and descriptions of the components within your specific Kinetico model. If you no longer have your manual, you can often find digital versions on the Kinetico website or by contacting their customer support. This is the primary resource for identifying exact Kinetico parts numbers.

Authorized Kinetico Dealers and Service Centers

The most reliable way to purchase genuine Kinetico parts is through an authorized Kinetico dealer or service center. These professionals have direct access to the Kinetico parts catalog, can help you identify the correct components based on your system model, and can often provide installation assistance if needed. They are knowledgeable about the full range of Kinetico water softener parts and Kinetico water filter parts available.

Online Retailers Specializing in Water Treatment Parts

Numerous online retailers specialize in water treatment equipment and replacement parts. When

searching for Kinetico parts online, it's crucial to ensure you are purchasing from a reputable vendor that explicitly states they carry genuine Kinetico replacement parts. Always verify the part number and compatibility with your specific Kinetico model before purchasing. This can be a convenient option for finding specific Kinetico filter parts or Kinetico water softener parts if you know exactly what you need.

Identifying Your Kinetico Model Number

Before you begin searching for Kinetico parts, accurately identifying your Kinetico system's model number is paramount. This number is usually located on a label on the unit itself, often on the side of the control valve head or on a main body panel. Having the model number readily available will significantly expedite the process of finding compatible Kinetico parts, whether you're looking for Kinetico water softener parts or Kinetico water filter parts.

Frequently Asked Questions

Where can I find the official Kinetico parts list for my specific water softener model?

The most reliable place to find the official Kinetico parts list for your specific model is to contact Kinetico directly through their website's support section or by calling their customer service. They can often look up your model and provide the correct parts breakdown or manual.

What are the most commonly replaced Kinetico water softener parts?

Commonly replaced Kinetico water softener parts often include O-rings (especially for the valve and tanks), the brine tank float assembly, internal seals within the control valve, and sometimes the media itself (resin) after many years of service.

How do I identify the correct part number for a Kinetico valve assembly?

To identify the correct Kinetico valve assembly part number, you'll need to know your specific Kinetico softener model and serial number. Consult your owner's manual for a parts diagram or contact Kinetico support. They can cross-reference your model information to provide the exact part number.

Are Kinetico water filter replacement cartridges available on a parts list?

Yes, Kinetico water filter replacement cartridges are typically available. The parts list or product documentation for your specific Kinetico filter system will outline the correct cartridge part numbers and their replacement intervals.

Can I purchase Kinetico parts directly from the manufacturer or do I need a dealer?

While Kinetico encourages purchasing parts through their authorized dealers for expertise and proper installation, in some cases, direct purchase from Kinetico may be an option for certain components. It's best to inquire with Kinetico customer service.

What is the typical lifespan of Kinetico water softener O-rings and seals?

The lifespan of Kinetico water softener O-rings and seals can vary depending on water quality, usage, and maintenance. However, they generally need replacement every 5-10 years as part of preventative maintenance or when leaks are detected.

How do I interpret the diagrams on a Kinetico parts list to find the correct component?

Kinetico parts lists often include exploded diagrams of their systems. You'll need to locate your specific model's diagram, identify the part you need visually, and then cross-reference the corresponding part number listed next to it. Your owner's manual is crucial for this.

Are there any generic or aftermarket Kinetico parts available?

While some generic O-rings or seals might be compatible, Kinetico strongly recommends using genuine Kinetico parts for optimal performance and longevity. Using aftermarket parts may void warranties and lead to system malfunctions.

What information should I have ready when ordering Kinetico replacement parts?

When ordering Kinetico replacement parts, be prepared to provide your Kinetico water softener or filter model number, the unit's serial number, and a clear description or part number of the component you need. Having your owner's manual handy is highly recommended.

Additional Resources

Here are 9 book titles related to a "Kinetico Parts List," presented with a short description for each:

1. The Essential Kinetico Component Compendium

This comprehensive guide dives deep into the core components of Kinetico water treatment systems. It meticulously details the purpose and function of each part, from intricate valve seals to robust filter housings. The book serves as an invaluable resource for understanding the inner workings and identifying the specific parts needed for maintenance and repair.

2. Kinetico Parts: A Visual Identification Handbook

Designed for quick reference, this handbook features clear, high-resolution images of every common Kinetico part. Each illustration is accompanied by its official part number and a brief explanation of its

role. This visual approach makes it incredibly easy for users to pinpoint the exact component they are searching for, whether for ordering or troubleshooting.

3. Understanding Kinetico Assemblies: A Parts Breakdown

This title focuses on how individual Kinetico parts come together to form functional assemblies within their water softeners and filters. It demystifies complex systems by dissecting them into their constituent components, explaining how each piece contributes to the overall operation. The book provides clarity for anyone looking to understand the system architecture and component interdependencies.

4. Navigating Kinetico Parts Lists: From A to Z

This practical guide walks users through the process of effectively utilizing Kinetico's official parts lists. It offers tips on deciphering part numbers, understanding catalog layouts, and cross-referencing components for different models. The book aims to empower users to confidently locate and order the correct parts, minimizing errors and delays.

5. Kinetico Part Numbers Explained: A Decoder Ring

This book acts as a detailed explanation for the cryptic numbering systems used in Kinetico parts lists. It breaks down the logic behind the codes, helping users understand what different digits or letters signify about a part's material, size, or function. This knowledge can streamline the part identification process and provide greater confidence in selections.

6. The Kinetico Parts Lifecycle: Maintenance and Replacement

This resource explores the typical lifespan and maintenance requirements of various Kinetico system parts. It outlines recommended replacement schedules for common wear-and-tear items and offers guidance on proactive maintenance to extend the life of critical components. The book emphasizes the importance of timely part replacement for optimal system performance and longevity.

7. Troubleshooting Kinetico Systems: A Parts-Centric Approach

This guide offers a systematic approach to diagnosing and resolving common Kinetico system issues by focusing on individual parts. It links specific symptoms of malfunction to potential faulty components, guiding users toward the most probable culprits. The book provides a practical framework for identifying and replacing the precise part needed to restore system functionality.

8. Kinetico Series Specific Parts: A Model-by-Model Guide

This specialized book provides detailed parts information tailored to specific Kinetico water treatment system series. It highlights the unique components and part variations found in different models, such as the Kinetico 2020c or the Kinetico Mach series. This focused approach ensures users can find accurate parts information for their particular Kinetico unit.

9. Innovations in Kinetico Parts: Future-Proofing Your System

This forward-looking title examines the evolution of Kinetico parts, including newer designs and materials that enhance system efficiency and durability. It provides insights into upcoming component changes and how to identify and integrate upgraded parts. The book is designed for those interested in staying ahead of the curve and optimizing their Kinetico system with the latest advancements.

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Kinetico Parts List: Your Ultimate Guide to Maintaining Your Water Softener

Is your Kinetico water softener not performing as it should? Are you struggling to find the right replacement parts? Facing confusing diagrams and endless online searches, leaving you frustrated and potentially wasting money on incorrect components? You're not alone. Many Kinetico owners experience the headache of locating and identifying specific parts. This ebook cuts through the confusion, providing you with the precise information you need to keep your system running smoothly.

Kinetico Parts List: A Comprehensive Guide to Troubleshooting and Maintenance by [Your Name/Brand Name]

Introduction: Understanding Your Kinetico System and the Importance of Proper Maintenance.

Chapter 1: Identifying Your Kinetico Model: Deciphering model numbers and locating specific part lists for various Kinetico units. Includes visual aids and detailed explanations.

Chapter 2: Essential Parts Breakdown: A complete illustrated parts list for common Kinetico models, including descriptions and functionalities of each component.

Chapter 3: Troubleshooting Common Issues: Guidance on diagnosing problems and identifying the faulty part, complete with solutions and preventative measures.

Chapter 4: Where to Find and Purchase Parts: Sources for genuine Kinetico parts, reputable third-party suppliers, and tips for avoiding counterfeit components.

Chapter 5: Basic Maintenance and Repair Procedures: Simple maintenance tasks and minor repairs that you can perform yourself to extend the lifespan of your system.

Conclusion: Keeping Your Kinetico Water Softener in Top Condition: A summary and next steps.

Kinetico Parts List: A Comprehensive Guide to Troubleshooting and Maintenance

Introduction: Understanding Your Kinetico System and the Importance of Proper Maintenance

Kinetico water softeners are renowned for their efficiency and reliability, but like any mechanical

system, they require regular maintenance and occasional part replacement. Understanding your Kinetico model and its various components is crucial for effective troubleshooting and preventing costly repairs. This guide will equip you with the knowledge and resources to maintain your Kinetico water softener and keep your household enjoying soft, clean water. Neglecting maintenance can lead to reduced efficiency, mineral buildup, and ultimately, system failure. Proactive maintenance, however, extends the life of your system and saves you money in the long run. This introduction lays the groundwork for the detailed parts lists and troubleshooting guides found in the following chapters.

Chapter 1: Identifying Your Kinetico Model: The Key to Finding the Right Parts

Before you can begin searching for replacement parts, you need to precisely identify your Kinetico model number. This crucial step ensures you order the correct components and avoid compatibility issues. The model number usually consists of alphanumeric characters and is found on a sticker affixed to the unit itself. The location varies slightly depending on the model, but common spots include the inside of the access door, the top panel, or the side of the unit.

Finding Your Model Number:

Inspect your unit carefully. Look for a sticker containing information like the model number, serial number, and date of manufacture.

Consult your Kinetico documentation. If you still have the original owner's manual, the model number should be clearly stated.

Contact Kinetico directly. If you cannot locate the model number, contact Kinetico customer support; they can assist you in identifying your model based on physical characteristics.

Once you have identified your model number, you can readily access the corresponding parts list from Kinetico's website or authorized dealers. Understanding the different model ranges (e.g., Premier, Signature, etc.) also helps in narrowing down the search. This chapter focuses on providing clear visual aids and detailed instructions to assist you in this crucial initial step.

Chapter 2: Essential Parts Breakdown: A Visual Guide to Your Kinetico System

This chapter offers a comprehensive, illustrated parts list for common Kinetico models. Each component is meticulously described, outlining its function and importance within the overall system. Understanding the role of each part allows you to more effectively diagnose issues and pinpoint the source of a malfunction.

Key Components and their Functions (Illustrative Examples – Specific parts will vary by model):

Resin Tank: Holds the ion-exchange resin beads that soften the water. Regular rinsing and occasional resin replacement is crucial.

Brine Tank: Stores the salt solution used for regeneration. Proper salt level maintenance prevents system failure.

Control Valve: The "brain" of the system, controlling the water flow and regeneration cycles. Malfunctions in the control valve are a common cause of problems.

Metering Pump: (In some models) Precisely measures and delivers the brine solution during regeneration.

Water Meter: Monitors water usage to trigger regeneration cycles.

Pipes and Fittings: Connect the various components of the system. Leaks in these areas are a common issue.

Backwash Hose: Used during the backwash cycle to flush out impurities from the resin tank.

This section will include detailed diagrams and photographs of these components, making identification easy even for those unfamiliar with plumbing or water softener systems.

Chapter 3: Troubleshooting Common Issues: Identifying and Solving Problems

This chapter provides a step-by-step guide to troubleshooting common Kinetico water softener issues. By understanding the symptoms and their potential causes, you can save time and money by avoiding unnecessary service calls.

Common Problems and Solutions:

Hard Water: Check the salt level in the brine tank, inspect for clogged resin, and verify proper valve operation.

No Water Flow: Check the water supply, examine pipes and fittings for leaks, and inspect the control valve for blockages.

Frequent Regeneration: This could indicate a malfunctioning water meter or a problem with the control valve.

Leaking Brine Tank: Check for cracks or damage to the tank and replace if necessary.

Insufficient Softening: This could be due to depleted resin, mineral buildup, or a faulty control valve.

This chapter will provide clear and concise solutions for each problem, with visual aids where necessary. The emphasis will be on identifying the problem and its potential causes, guiding the user towards effective solutions.

Chapter 4: Where to Find and Purchase Parts: Ensuring Genuine Kinetico Quality

This chapter guides you to reliable sources for genuine Kinetico parts, emphasizing the importance of using authentic components to avoid performance issues and voiding your warranty. This section will also include tips on identifying and avoiding counterfeit parts.

Sources for Kinetico Parts:

Kinetico Authorized Dealers: These dealers offer genuine parts and usually provide installation and maintenance services.

Online Retailers: Several reputable online retailers sell genuine Kinetico parts; always verify the seller's authenticity.

Third-Party Suppliers: While some third-party suppliers offer competitive pricing, it's crucial to ensure they supply genuine Kinetico components.

This chapter will include a list of reputable suppliers, along with tips for verifying the authenticity of parts.

Chapter 5: Basic Maintenance and Repair Procedures: Extending the Life of Your System

This chapter outlines simple maintenance tasks and minor repairs you can perform yourself to extend the lifespan of your Kinetico water softener. Regular maintenance prevents major problems and saves on costly repairs.

Basic Maintenance Tasks:

Checking and replenishing the salt: Maintaining the proper salt level is crucial for efficient regeneration.

Inspecting for leaks: Regularly check all connections and pipes for any signs of leaks.

Cleaning the brine tank: Periodically cleaning the brine tank removes sediment and prevents buildup.

Rinsing the resin tank: Periodically flushing the resin tank removes impurities and helps maintain efficiency.

This chapter will provide step-by-step instructions, illustrated with clear diagrams and photographs, to ensure even novice users can perform these maintenance procedures safely and effectively.

Conclusion: Keeping Your Kinetico Water Softener in Top Condition

This ebook has provided a comprehensive guide to maintaining your Kinetico water softener, equipping you with the knowledge and resources to troubleshoot issues, replace parts, and perform

basic maintenance tasks. By following the guidelines provided, you can extend the life of your system, ensure its optimal performance, and enjoy consistently soft, clean water for years to come. Remember to always consult your Kinetico owner's manual for specific instructions related to your model.

FAQs

1. Where can I find the model number of my Kinetico water softener? The model number is typically found on a sticker located on the unit itself (often inside the access door, on the top panel, or the side).
2. What are the most common problems with Kinetico water softeners? Common problems include hard water (due to low salt or resin issues), no water flow (due to clogged pipes or valve issues), frequent regeneration (due to faulty meter or valve), and leaking brine tanks.
3. How often should I replace the resin in my Kinetico water softener? Resin replacement frequency varies depending on usage and water hardness but is typically every 5-7 years.
4. Can I repair my Kinetico water softener myself? Basic maintenance and some minor repairs are possible, but for complex issues, it's best to contact a qualified technician.
5. Where can I buy genuine Kinetico parts? Genuine parts can be purchased from authorized Kinetico dealers or reputable online retailers. Always verify the seller's authenticity.
6. How do I know if I need to replace a part in my Kinetico system? Refer to Chapter 3 of this guide, which details common problems and their associated solutions and part replacement needs.
7. What type of salt should I use in my Kinetico brine tank? Use high-quality, non-iodized salt specifically designed for water softeners.
8. How often should I clean my Kinetico brine tank? It's recommended to clean the brine tank at least once a year to prevent sediment buildup.
9. What is the warranty on Kinetico parts? Warranty information varies depending on the specific part and model. Check your owner's manual or contact Kinetico customer support for details.

Related Articles

1. Kinetico Premier vs. Signature Series: A Detailed Comparison: A side-by-side comparison of Kinetico's Premier and Signature Series water softeners, highlighting features and benefits.

2. Understanding Kinetico Regeneration Cycles: A Step-by-Step Guide: A detailed explanation of the regeneration process, including the different stages and their importance.
3. How to Troubleshoot a Kinetico Water Softener That's Leaking: Specific troubleshooting steps for addressing leaks in various parts of the Kinetico system.
4. Choosing the Right Salt for Your Kinetico Water Softener: Advice on selecting the appropriate type and quality of salt for optimal system performance.
5. Kinetico Water Softener Maintenance Checklist: A downloadable checklist for regular maintenance tasks to keep your system running smoothly.
6. DIY Kinetico Water Softener Resin Replacement: A step-by-step guide for replacing the resin in your Kinetico water softener.
7. Kinetico Control Valve Troubleshooting and Repair: Detailed troubleshooting and repair instructions for common control valve problems.
8. Comparing Kinetico Water Softeners to Other Brands: A comparative analysis of Kinetico systems against other leading brands in the water softener market.
9. The Ultimate Guide to Kinetico Water Softener Installation: A comprehensive guide to installing a Kinetico water softener, including tips and safety precautions.

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further enhance your projects once you've mastered the basics. Join the 3D printing revolution today with DK's 3D Printing Projects book.

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from a Baptist perspective includes biblical, historical and theological studies from scholars from around the world. Subjects covered are sacraments and sacramentality, sacrament and sacrifice in Hebrews, the sacrament of fearful intimacy, the church as sacrament, baptism and the Lord's supper for post-Christendom Baptists, Pauline baptism and Roman Insulae, open communion for the contemporary church, penance, sacred space, recovering a biblical understanding of baptismal regeneration, the Lord's supper and the spirituality of C.H. Spurgeon, Southern Baptist eucharistic sacramentalism and soul competency, re-thinking ex opere operato sacramentalism, the sacramentality of the word in Gregory of Nyssa, and searching for a common theology of baptism between Baptists and the Churches of Christ. This volume does not speak the final word on the subject, but is a step along the way toward the recovery and reconstruction of a robust sacramentalism in a Baptist modality.

kinetico parts list: *Keep This Toss That* Jamie Novak, 2015-03-03 Are you afraid to open your kitchen cabinet because you know food storage containers are going to come pouring out like an erupting volcano? Do you spend hours searching for the email you need? Will you regret it tomorrow if you give away all your old concert T-shirts? And how many tote bags will you really use? Keep This, Toss That answers all of these questions and much more. Featuring dozens of illustrated Keep/Toss Checklists, the book shows you exactly what you need—and what you can safely toss, regret-free (even if you're a sentimentalist or saver)—in every room of your house, for each hobby or activity, and even online. It also includes: • quick tips on clever storage solutions • tools and utensils that can do double duty • advice on how to customize the lists to suit your house, your family, and your lifestyle Answering the one key question you need to get organized and live happily with just the stuff you love, Keep This, Toss That is the one organizing book you must have.

kinetico parts list: *Separation and Purification Techniques in Biotechnology* Frederick Dechow, 1989-12-31 This book describes separation and purification techniques—adsorption, ion exchange and liquid chromatography on solid supports—used for fermentation and biochemical feedstreams. Emphasis is placed on basic sorption theory, laboratory evaluation techniques, sorptive materials and their characteristics, scale-up of laboratory techniques, and their industrial applications. Each chapter contains specific examples illustrating the use of purification techniques in biotechnology processes.

kinetico parts list: *Fluorine and Health* Alain Tressaud, Gunter Haufe, 2008-06-06 Fluorine and Health presents a critical multidisciplinary overview on the contribution of fluorinated compounds to resolve the important global issue of medicinal monitoring and health care. The involved subjects are organized in three thematic parts devoted to Molecular Imaging, Biomedical Materials and Pharmaceuticals. Initially the key-position of partially fluorinated low molecular weight compounds labelled either with the natural ^{19}F -isotope for Magnetic Resonance Imaging (MRI) or labelled with the radioactive $[^{18}\text{F}]$ -isotope for Positron Emission Tomography (PET) is highlighted. Both non-invasive methods belong to the most challenging in vivo imaging techniques in oncology, neurology and in cardiology for the diagnosis of diseases having the highest mortality in the industrialized countries. The manifold facets of fluorinated biomaterials range from inorganic ceramics to perfluorinated organic molecules. Liquid perfluorocarbons are suitable for oxygen transport and as potential respiratory gas carriers, while fluorinated polymers are connected to the pathology of blood vessels. Another important issue concerns the application of highly fluorinated liquids in ophthalmology. Moreover, fluorine is an essential trace element in bone mineral, dentine and tooth enamel and is applied for the prophylaxis and treatment of dental caries. The various origins of human exposure to fluoride species is detailed to promote a better understanding of the effect of fluoride species on living organisms. Medicinally relevant fluorinated molecules and their interactions with native proteins are the main focus of the third part. New molecules fluorinated in strategic position are crucial for the development of pharmaceuticals with desired action and optimal pharmacological profile. Among the hundreds of marketed active drug components there are more than 150 fluorinated compounds. The chapters will illustrate how the presence of fluorine atoms alters properties of bioactive compounds at various biochemical steps, and possibly facilitate

its emergence as pharmaceuticals. Finally the synthetic potential of a fluorinase, the first C-F bond forming enzyme, is summarized. - New approach of topics involving chemistry, biology and medicinal techniques - Transdisciplinary papers on fluoride products - Importance of fluoride products in health - Updated data on specific topics

kinetico parts list: The Chemistry of Anilines, Part 1 Zvi Rappoport, 2007 Aniline is the parent molecule of a vast family of aromatic amines. Since its discovery in 1826 it has become one of the hundred most important building blocks in chemistry. Aniline is used as an intermediate in many different fields of applications, such as isocyanates, rubber processing chemicals, dyes and pigments, agricultural chemicals and pharmaceuticals. The understanding of functional groups is key for the understanding of all organic chemistry. In the tradition of the Patai Series, this volume treats all aspects of this functional group. It contains chapters on the theoretical and computational foundations; on analytical and spectroscopical aspects with dedicated chapters on Mass Spectrometry, NMR, IR/UV, etc.; on reaction mechanisms; on applications in syntheses.

kinetico parts list: Consumer Reports , 1991

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