



Manufacture Water Care, Chemical Safety, & Warranty Compliance Manual **MASTER EDITION 2025**

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SYSTEM OVERVIEW

1.1 – INTRODUCTION

Perfect Pool are advanced drop-stitch vinyl pool systems engineered for easy installation, low maintenance, and high performance. Unlike traditional above-ground or steel-wall pools that rely on wall-mounted skimmers and gravity-fed suction, Perfect Pool employ a bottom-draw circulation system designed for 360° floor-level cleaning and improved chemical distribution.

THIS CLOSED-LOOP HYDRAULIC CONFIGURATION INCLUDES:

- Two bottom suction ports drawing water, debris, and contaminants downward
- Perfect Puff filter media within a dedicated filtration canister connected to the pump
- A top-mounted return jet that redistributes clean, filtered water across the pool surface

1.2 SYSTEM FUNCTION

Both bottom suction ports operate simultaneously to ensure balanced hydraulic flow. When the pump activates, each port draws from the lower water column, capturing debris, oils, and sediment before they resettle.

Water then passes through the Perfect Puff filter chamber, where synthetic fibers capture microscopic impurities (~3 microns). Filtered water is discharged through the top return port, creating continuous upward circulation for even temperature, chlorine, and pH balance.



SYSTEM OVERVIEW

1.3 SYSTEM BENEFITS

- **Superior Filtration:**
 - Traps fine particulates such as body oils, sunscreen, algae spores, and silt.
- **Balanced Circulation:**
 - Eliminates dead zones typical of side-skimmer pools.
- **Reduced Maintenance:**
 - Filter puffs are washable and reusable for months.
- **No Tools or Plumbing Modifications:**
 - Fast setup and portable design.
- **Vinyl-Safe Design:**
 - Prevents chlorine contact burns on liner surfaces.



1.4 CHEMICAL HANDLING IMPLICATIONS

Because there is no skimmer or automatic chlorinator, all chemicals must be manually introduced and pre-dissolved.

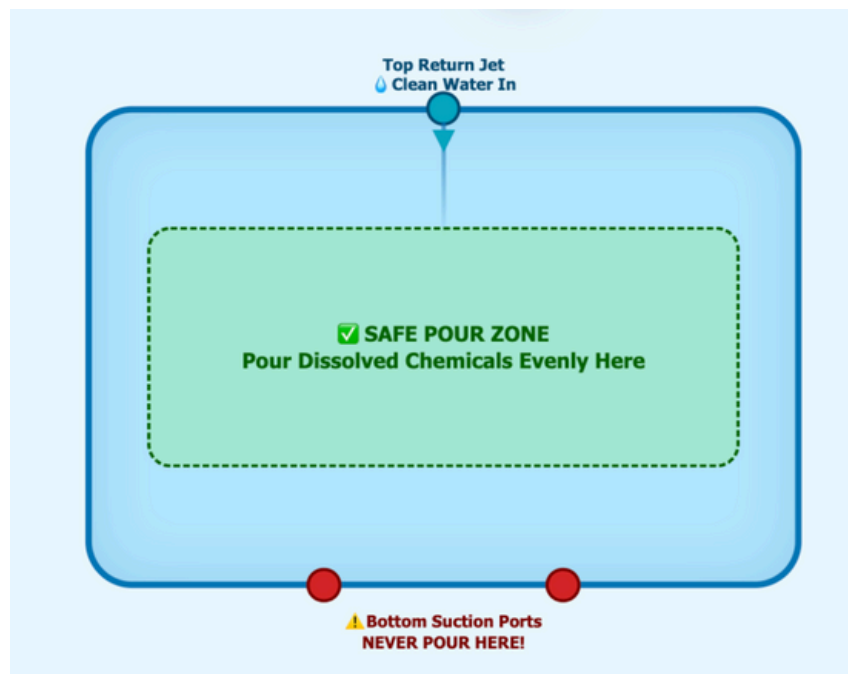
Incorrect application can cause:

- Liner bleaching or wrinkling
- Filter media melting or clumping
- Warranty void due to misuse

Manufacturer Requirement: Always pre-dissolve chemicals in a 5-gallon bucket of pool water before adding to the pool.

SYSTEM OVERVIEW

1.5 CIRCULATION FLOW DIAGRAM



💡 *Always add chemicals in the Safe Pour Zone (center of pool), never within 24 inches of either suction port.*

1.6 SAFE OPERATION SUMMARY

| Action | Description | Requirement |
|---------------------|--|----------------------|
| Pump Activation | Must be running during chemical addition and 3–4 hrs after | Required |
| Chemical Mixing | Pre-dissolve in 5-gal bucket (¾ full of pool water) | Required |
| Pouring Zone | Perimeter only – avoid bottom ports | Required |
| Shock Timing | Add at dusk to reduce UV chlorine loss | Strongly Recommended |
| Filtration Run Time | 8 hrs min daily during swim season | Required |
| Backwashing | Manual rinse only (see Section 7) | Alternative Required |

SECTION 2: PURPOSE & MANUFACTURER INTENT



2.1 – PURPOSE OF DOCUMENT

The Perfect Pool Manufacturer Water Care, Chemical Safety & Warranty Compliance Manual was created to ensure consistent product performance, safety, and customer satisfaction across every installation.

This manual defines the standards, materials, and maintenance procedures required to preserve the structural integrity and warranty coverage of every Perfect Pool system. It is not a marketing document, but an operating standard recognized by the manufacturer, distributors, and customers alike.

Its goal is to bring all Perfect Pool owners and partners under a single framework of care. By following these documented practices, every pool will maintain water quality, liner durability, and filtration performance throughout its service life.

KEY FUNCTIONS OF THIS MANUAL:

- Establishes a consistent reference point for technical training, service work, and customer instruction
- Provides a clear definition of approved versus unapproved chemicals
- Outlines warranty expectations, documentation requirements, and response procedures
- Reduces user error by providing written chemical handling and equipment care instructions
- Protects customers and distributors through shared accountability and traceable maintenance records

2.2 OBJECTIVES

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The objectives of this manual are to establish a shared understanding of care, safety, and accountability across all Perfect Pool installations.

OUR GOALS ARE TO:

- Protect the structure, materials, and performance of each pool.
- Standardize chemical and filtration maintenance across all models.
- Define which chemicals are approved and which are prohibited.
- Maintain warranty eligibility through proper record-keeping and safe operation.
- Promote clear accountability between customers, distributors, and the manufacturer.

These principles apply to every residential and commercial Perfect Pool, ensuring that no matter the environment or user, each system performs to the same high standard. Following them protects your investment and supports long-term product reliability.

2.3 IMPORTANCE OF COMPLIANCE

Following this manual is key to performance and warranty coverage. These guidelines come from real-world testing and field data.

Ignoring water care, filtration, or cleaning can cause corrosion, stains, clumping, or pump failure—and can create health and environmental risks.

Perfect Pool, Inc. reviews all warranty claims against these standards and your maintenance logs.

Stay compliant to protect your investment and keep your pool safe, clear, and long-lasting.

Hazard Communication Compliance Notice

Perfect Pool maintains product-level labeling and chemical documentation consistent with the **OSHA Hazard Communication Standard (HCS 29 CFR 1910.1200)** and EPA consumer product labeling requirements. All approved chemicals include clear pictograms, signal words, and precautionary statements to ensure safe handling and storage.





2.4 RESPONSIBILITIES

Proper pool management requires clear roles between the customer, distributor, and manufacturer. Each party plays an essential part in maintaining product safety, consistency, and warranty coverage.



CUSTOMER / OWNER:

Responsible for daily water testing, maintaining chemical balance, recording log entries, and following all cleaning procedures outlined in this manual.

DISTRIBUTOR / INSTALLER:

Provides installation training, delivers the manual to each customer, and verifies initial water chemistry and system operation. Distributors must also review log entries during scheduled service visits.

MANUFACTURER (PERFECT POOL, INC.):

Ensures accurate product data, provides ongoing support, evaluates warranty claims, and replaces or repairs eligible components when damage is not caused by misuse or neglect.

2.5 CUSTOMER ACKNOWLEDGMENT & MANUFACTURER CONTACT

Every customer who installs a Perfect Pool must confirm that they have received and read this manual in full. This acknowledgment ensures the customer understands the manufacturer's requirements for water care, chemical safety, and warranty protection.

The acknowledgment form represents an agreement between the customer, distributor, and manufacturer. It verifies that the owner has been properly instructed on water testing, approved chemicals, and maintenance documentation.

By signing, the customer accepts full responsibility for following the outlined procedures. The signed form becomes part of the official warranty record and may be required during any service or claim review.

Manufacturer Contact Information

Perfect Pool, Inc.

44729 Morley Drive

Clinton Township, MI 48038

☎ (800) 941-3340

✉ info@thepoolco.com

For warranty or service requests, please include:

- Customer name and installation date
- Pool model and size
- Description of the issue and photos if applicable
- 30-day chemical log copy

All inquiries must be submitted in writing or by email and will be reviewed within three to five business days.

3.1 INTRODUCTION TO CHEMICAL MANAGEMENT



Chemical balance is the foundation of every Perfect Pool system. Because Perfect Pool operate without skimmers, feeders, or automatic dosing, all chemical maintenance must be performed manually and with precision. Each additive interacts directly with the liner, filtration system, and pump, making correct handling essential to both performance and safety.

This section defines all chemicals that have been tested and approved by the manufacturer. Each product listed here has been verified for compatibility with Perfect Pool' drop-stitch vinyl, adhesives, and Perfect Puff filtration fibers. Any product not included in this list is considered unapproved and may cause staining, deterioration, or warranty loss.

Owners and distributors must follow these guidelines exactly as written. Each dosage table and instruction has been validated for the 16 ft, 20 ft, and 24 ft models under typical residential and light commercial use.

When in doubt, always refer back to this section before adding any substance to the pool. Using only approved products ensures balanced water, extended equipment life, and full warranty protection.





3.2 CORE PRINCIPLES OF CHEMICAL CARE

The Perfect Pool system relies on a clear sequence of steps to maintain consistent water quality. Following these principles prevents chemical shock, staining, and liner damage while keeping chlorine and pH levels stable

KEY PRINCIPLES:

- Always dissolve before adding. Granular products must be fully dissolved in a 5-gallon bucket of pool water before application.
- Keep pump running. Operate the pump during chemical addition and for at least 3 hours afterward.
- Avoid suction ports. Pour chemicals across the open center of the pool, never near bottom intakes.
- Add at dusk. Cooler, shaded conditions reduce chlorine loss and surface bleaching.
- Treat one product at a time. Mixing chemicals together can cause heat, gas, or precipitation.
- Document every treatment. Record each dose, time, and result in the Chemical Log (Section 12).

Consistent application of these rules ensures safe swimming conditions, maximizes filter performance, and preserves the structural integrity of the pool.

3.3.1 PRIMARY SANITIZER (CHLORINE)

DESCRIPTION

Chlorine is the primary sanitizer used in Perfect Pool to destroy bacteria, algae, and organic waste. Only stabilized dichlor-based products are approved. These dissolve quickly, maintain neutral pH, and are safe for vinyl and Perfect Puff filters.



Example of recommended product. Perfect Pool LLC is not affiliated with the product or company represented in this product image in any way.

DOSAGE & FREQUENCY

| Pool Size | Water Volume | Dose | Frequency |
|-----------|--------------|--------|---------------|
| 16 ft | ~5,000 gal | 1.5 oz | 2-3x per week |
| 20 ft | ~8,500 gal | 2.5 oz | 2-3x per week |
| 24 ft | ~12,000 gal | 3.5 oz | 2-3x per week |

KEY NOTES

- Pre-dissolve chlorine in a 5-gallon bucket of pool water before adding.
- Never pour near suction ports or skimmer lines.
- Maintain 1-3 ppm free chlorine at all times.

3.3.2 WEEKLY SHOCK

DESCRIPTION

Shock treatments oxidize non-filterable waste such as sunscreen oils, body residue, and algae spores. Perfect Pool approves only dichlor-based, vinyl-safe shocks formulated for gradual release and pH stability.



Example of recommended product. Perfect Pool, Inc. is not affiliated with the product or company represented in this product image in any way.

DOSAGE & FREQUENCY

| Pool Size | Dose | Frequency |
|-----------|---------|---------------------------|
| 16 ft | 0.5 lb | Weekly or after heavy use |
| 20 ft | 0.75 lb | Weekly or after heavy use |
| 24 ft | 1 lb | Weekly or after heavy use |

KEY NOTES

- Always dissolve before adding.
- Add at dusk and run pump for at least 4 hours.
- Wait 12–24 hours before swimming.

3.3.3 PH DOWN

DESCRIPTION

pH Down safely lowers high pH levels caused by aeration or excess chlorine. Only sodium bisulfate formulations are approved. These products contain no muriatic acid and are gentle on vinyl liners.



Example of recommended product. Perfect Pool, Inc. is not affiliated with the product or company represented in this product image in any way.

DOSAGE & FREQUENCY

| Pool Size | Adjustment | Dose |
|-----------|------------|---------|
| 16 ft | 7.8 → 7.4 | 1/8 cup |
| 20 ft | 7.8 → 7.4 | 1/4 cup |
| 24 ft | 7.8 → 7.4 | 1/3 cup |

KEY NOTES

- Dissolve in a bucket of water before adding.
- Never use liquid acid products.
- Run pump 2–3 hours before retesting.

3.3.4 PH / ALKALINITY UP

DESCRIPTION

Used to raise low pH or alkalinity and restore chlorine efficiency. Only baking soda (sodium bicarbonate) and soda ash (sodium carbonate) are approved for Perfect Pool systems.



Example of recommended product. Perfect Pool, Inc. is not affiliated with the product or company represented in this product image in any way.

DOSAGE & FREQUENCY

| Pool Size | Dose | Increase |
|-----------|---------|------------|
| 16 ft | 1/8 cup | +10–15 ppm |
| 20 ft | 1/4 cup | +10–15 ppm |
| 24 ft | 1/3 cup | +10–15 ppm |

KEY NOTES

- Dissolve before adding to pool.
- Do not exceed 2 oz per 1,000 gallons per treatment.
- Run pump 3 hours, then retest chemistry.

3.3.4 PH / ALKALINITY UP

DESCRIPTION

Used to raise low pH or alkalinity and restore chlorine efficiency. Only baking soda (sodium bicarbonate) and soda ash (sodium carbonate) are approved for Perfect Pool systems.



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DOSAGE & FREQUENCY

| Pool Size | Dose | Increase |
|-----------|---------|------------|
| 16 ft | 1/8 cup | +10–15 ppm |
| 20 ft | 1/4 cup | +10–15 ppm |
| 24 ft | 1/3 cup | +10–15 ppm |

KEY NOTES

- Dissolve before adding to pool.
- Do not exceed 2 oz per 1,000 gallons per treatment.
- Run pump 3 hours, then retest chemistry.

3.3.5 CLARIFIER + ALGAEICIDE

CLARIFIER (WATER POLISHER)

Clarifiers improve water sparkle by binding fine debris into larger clusters for easier filtration. Only polymer-based clarifiers are approved. Avoid alum or flocculant types.

Dosage:

- 16 ft: ½ capful weekly
- 20 ft: ¾ capful weekly
- 24 ft: 1 capful weekly



Example of recommended product. Perfect Pool, Inc. is not affiliated with the product or company represented in this product image in any way.

ALGAEICIDE (PREVENTIVE)

Non-metallic Polyquat 60 algaecide prevents green, yellow, or black algae growth without staining.

Dosage:

- 16 ft: 1 oz weekly
- 20 ft: 1.5 oz weekly
- 24 ft: 2 oz weekly

KEY NOTES

- Add both products directly while pump is running.
- Never mix with chlorine during application.
- **Avoid copper-based algaecides, these void the warranty.**



Example of recommended product. Perfect Pool, Inc. is not affiliated with the product or company represented in this product image in any way.

FILTER CLEANER (OPTIONAL MAINTENANCE)

DESCRIPTION

Filter cleaners dissolve oils and residue trapped inside Perfect Puff fibers. Only enzyme-based or vinegar cleaning solutions are authorized.



Example of recommended product. Perfect Pool, Inc. is not affiliated with the product or company represented in this product image in any way.

APPLICATION METHOD

- Mix 4 oz of cleaner in 5 gallons of water.
- Soak puffs for 20–30 minutes.
- Rinse thoroughly before reinstalling.

KEY NOTES

- Do not use bleach, degreasers, or acid-based cleaners.
- Clean monthly during heavy use seasons.
- Restore flow immediately if return jet pressure decreases.



3.2 CORE PRINCIPLES OF CHEMICAL CARE

The Perfect Pool system relies on a clear sequence of steps to maintain consistent water quality. Following these principles prevents chemical shock, staining, and liner damage while keeping chlorine and pH levels stable

KEY PRINCIPLES:

- Always dissolve before adding. Granular products must be fully dissolved in a 5-gallon bucket of pool water before application.
- Keep pump running. Operate the pump during chemical addition and for at least 3 hours afterward.
- Avoid suction ports. Pour chemicals across the open center of the pool, never near bottom intakes.
- Add at dusk. Cooler, shaded conditions reduce chlorine loss and surface bleaching.
- Treat one product at a time. Mixing chemicals together can cause heat, gas, or precipitation.
- Document every treatment. Record each dose, time, and result in the Chemical Log (Section 12).

Consistent application of these rules ensures safe swimming conditions, maximizes filter performance, and preserves the structural integrity of the pool.



3.3 SAFE HANDLING & STORAGE RULES

Proper chemical handling ensures both user safety and long-term pool performance. Every additive used in a Perfect Pool must be stored, measured, and applied carefully to prevent accidents and maintain warranty protection.

HANDLING PRACTICES:

- Always wear protective gloves and goggles when preparing chemicals.
- Dissolve one product at a time using a clean, labeled 5-gallon bucket.
- Keep chemicals away from suction ports, pumps, and open flames.
- Maintain ventilation when mixing to avoid inhaling fumes.

STORAGE GUIDELINES:

- Store containers in a dry, shaded area between 50–90°F.
- Keep original labels visible; never repackage or combine leftovers.
- Separate chlorine-based products from acids and flammables.
- Rinse spills with clean water only—never neutralize with other chemicals.

By maintaining clean, controlled conditions, owners protect their pool system, safeguard users, and prevent contamination of filter media and water.



3.4 WHY THESE CHEMICALS ARE APPROVED

Each chemical in this manual was tested by Perfect Pool to ensure complete compatibility with the drop-stitch vinyl structure, adhesives, and Perfect Puff filtration system. Only stabilized, neutral-pH products were chosen to guarantee safe and consistent performance.

APPROVAL CRITERIA:

- Must remain chemically neutral between pH 6.5 and 8.0 when diluted.
- Cannot contain metals, acids, solvents, or calcium-based ingredients.
- Must fully dissolve in water without leaving visible residue.
- Must not react with polymer or adhesive bonding agents.

PERFORMANCE STANDARDS:

Approved products were selected for their ability to sanitize effectively without harming material integrity. Each one maintains clarity, stability, and filtration flow rates for all pool sizes.

This selective process ensures that customers can rely on predictable, repeatable results. Using these tested products reduces maintenance, protects warranty eligibility, and maintains water quality across every season.



3.5 VERIFICATION & DOCUMENTATION

Verification protects the customer and the manufacturer by creating a record of chemical usage and maintenance history. Each chemical addition, cleaning, or test must be recorded accurately in the provided log sheet.

DOCUMENTATION REQUIREMENTS:

- Record brand, product name, and lot number for every chemical used.
- Log the date, time, and dosage of each treatment.
- Include water test readings before and after adjustments.
- Keep all labels or container photos as proof of use.

WARRANTY ALIGNMENT:

Chemical logs are required for warranty validation and must be kept for a minimum of 90 days. Incomplete or missing documentation may void coverage.

Maintaining these records not only ensures compliance but also supports better water management and faster troubleshooting when service or warranty review is required.

UNAPPROVED CHEMICALS, HAZARDS & WARRANTY CONSEQUENCES



WHY THIS SECTION EXISTS

Every chemical placed into a Perfect Pool affects more than water clarity. It impacts the vinyl surface, adhesives, pump components, and filter fibers. This next section defines which substances are not approved for use and explains why they cause irreversible damage.

Perfect Pool systems are carefully engineered to maintain a controlled environment. When untested or harsh chemicals enter that system, they compromise filtration, degrade materials, and void warranty protection.

WHAT YOU'LL LEARN

1. The manufacturer's official definition of an unapproved chemical
2. The full list of banned products and common brand names
3. Visual indicators of chemical damage and how to identify them
4. The warranty framework for misuse or contamination

This section is designed to protect owners and distributors by making chemical risk completely transparent before any damage occurs. Always review these guidelines before using a new or unfamiliar product.



4.1 UNAPPROVED CHEMICALS, HAZARDS & WARRANTY CONSEQUENCES

THE SAFETY AND PERFORMANCE OF YOUR PERFECT POOL DEPEND ON USING ONLY MANUFACTURER-APPROVED PRODUCTS.

Some chemicals, while common in traditional pools, can severely damage vinyl materials, adhesives, and filtration fibers. This section defines which products are not allowed, why they are unsafe, and what happens if they are used.

Each restriction is based on verified testing and real-world field inspections. Unapproved chemicals can cause liner fading, filter clumping, corrosion, or even pump failure. These effects are often permanent and immediately void warranty coverage.

WHAT YOU'LL LEARN:

- Which chemicals are banned and why
- How to identify early signs of damage
- How chemical misuse affects warranty protection

The goal is to keep every Perfect Pool system operating safely, efficiently, and within the standards required for warranty validation.



4.2 DEFINITION OF UNAPPROVED CHEMICALS

An unapproved chemical is any substance not listed within the approved product categories in Section 3 of this manual, or any mixture that fails to meet Perfect Pool' neutral-pH and non-corrosive standards.

UNAPPROVED CHEMICALS INCLUDE:

- Products with a pH below 6.0 or above 9.0
- Any formula containing metals, acids, or oxidizers
- Household cleaning products or solvents
- Industrial or automotive degreasers
- Any untested "saltwater conversion" additives

Even small traces of these compounds can cause lasting harm. Residue from an incompatible product can remain active inside filters and hoses long after a single use, resulting in staining, bleaching, or adhesive breakdown.

Only stabilized, vinyl-safe, and fiber-compatible products should be used. Always compare chemical composition to the approved list before introduction.





PROHIBITED CHEMICALS & ASSOCIATED RISKS

01. ACIDS & HARSH PH REDUCERS

Muriatic acid and hydrochloric acid dissolve vinyl coatings and release toxic fumes.

02. CALCIUM HYPOCHLORITE (CAL-HYPO)

Highly alkaline shock that causes bleaching, cracking, and crystallized residue.

03. TRICHLOR TABLETS OR PUCKS

Overly acidic tablets release concentrated chlorine and damage liners when stagnant.

04. COPPER-BASED ALGAECIDES

Metallic solutions that stain vinyl blue or green and reduce chlorine efficiency.

05. FLOCCULANTS OR ALUM COMPOUNDS

Bind filter fibers together and permanently clog Perfect Puff media.

(CONTINUED ON THE NEXT PAGE)



PROHIBITED CHEMICALS & ASSOCIATED RISKS (CONTINUED)

06. HOUSEHOLD CLEANERS & BLEACH

Contain perfumes, surfactants, and high alkalinity that attack liner coatings.

07. NON-CHLORINE SHOCK (POTASSIUM MONOPERSULFATE)

Over-oxidizes dyes, causing fading and uneven liner discoloration.

08. ACID WASH PRODUCTS

Intended for plaster pools only. Corrode vinyl and adhesive bonds.

09. OIL-BASED OR SOLVENT CLEANERS

Dissolve protective film and cause slippery residues.

10. UNTESTED SALTWATER ADDITIVES

Unregulated salt systems can corrode seams and create mineral crusting.

KEY WARNING:

Using any of the products above, even once, voids chemical-related warranty coverage. Always verify product ingredients and consult Perfect Pool before introducing a new brand or formulation.



3.5 VERIFICATION & DOCUMENTATION

Verification protects the customer and the manufacturer by creating a record of chemical usage and maintenance history. Each chemical addition, cleaning, or test must be recorded accurately in the provided log sheet.

DOCUMENTATION REQUIREMENTS:

- Record brand, product name, and lot number for every chemical used.
- Log the date, time, and dosage of each treatment.
- Include water test readings before and after adjustments.
- Keep all labels or container photos as proof of use.

WARRANTY ALIGNMENT:

Chemical logs are required for warranty validation and must be kept for a minimum of 90 days. Incomplete or missing documentation may void coverage.

Maintaining these records not only ensures compliance but also supports better water management and faster troubleshooting when service or warranty review is required.




4.4 WHY THESE CHEMICALS ARE PROHIBITED

Every banned chemical category listed in this manual has been tested against vinyl, adhesives, and filtration materials. Each produced measurable degradation in performance, structure, or water quality.

SCIENTIFIC RATIONALE:

- Acids weaken polymer chains, leading to liner softening and seam separation.
- Cal-Hypo shocks create undissolved residue that scratches and discolors surfaces.
- Copper compounds bond to the liner and produce permanent stains.
- Flocculants harden filter fibers and block proper circulation.
- Household products introduce surfactants that break down water tension and adhesives.

Prohibited chemicals also release corrosive vapors that harm metal fittings and pump components. These effects cannot be reversed once damage has begun, which is why manufacturer testing is the only basis for product approval.





VISUAL INDICATORS OF CHEMICAL DAMAGE

01. WHITE OR BLEACHED PATCHES

Result of over-chlorination or direct Cal-Hypo contact.

02. STICKY OR SOFT VINYL

Caused by acid or solvent exposure. Indicates irreversible material breakdown.

03. GREEN OR TURQUOISE STAINING

Copper-based algaecide reaction embedded in vinyl surface.

04. CLOUDY WATER & LOW FLOW

Filter fibers glued together by flocculant or alum.

05. SEAM SEPARATION OR BRITTLINESS

Corrosion from acid or high chlorine concentration.

06. FUSED OR HARDENED FILTER MEDIA

Evidence of unapproved chemical use or improper cleaning agents.

These signs confirm chemical misuse. Customers should stop chemical additions immediately and contact their distributor before further operation.

4.6 WARRANTY CONSEQUENCES

Perfect Pool enforces a zero-tolerance policy for chemical misuse. Warranty protection applies only when all products and practices align with approved materials in this manual.


WARRANTY COVERAGE IS VOID IF INSPECTION OR TESTING REVEALS:

- Acid contact or visible liner corrosion
- Copper staining or metal residue
- Filter media fused or clumped together
- Unnatural pH below 6.5 or above 8.0
- Missing chemical log entries for the previous 30 days

Manufacturer inspections rely on photographic evidence, water testing, and chemical residue analysis. When unapproved exposure is verified, the claim is denied and documentation is issued to both the customer and distributor.

Proper recordkeeping and adherence to Section 3 and Section 7 maintenance schedules are the only methods to retain full warranty eligibility.

4.7–4.9 FIELD INSPECTION / ACKNOWLEDGMENT / DISCLAIMER



In the event of a warranty claim, Perfect Pool or an authorized distributor may request chemical logs, photos, or water samples for review. Inspections can include liner fluorescence testing or filter fiber analysis to identify residue or pH imbalance.

If unapproved chemical exposure is confirmed, warranty coverage is denied immediately. The customer and distributor are notified in writing within five business days.

All owners and distributors must sign the acknowledgment form at installation to confirm understanding of these requirements. The signed document verifies that both parties have received proper training in safe chemical handling and maintenance procedures.

MANUFACTURER DISCLAIMER:

Perfect Pool, Inc. assumes no liability for injury, property damage, or financial loss caused by misuse, negligence, or deviation from this manual. The customer accepts full responsibility for maintaining safe water chemistry according to all outlined instructions.

WATER CHEMISTRY SCIENCE & IDEAL BALANCE

PROPER WATER BALANCE IS THE FOUNDATION OF EVERY PERFECT POOL SYSTEM.



Maintaining correct chemical levels protects the liner, enhances filtration performance, and ensures swimmer comfort. Imbalanced water can quickly corrode materials or reduce sanitizer efficiency.

This section explains how each parameter—pH, alkalinity, chlorine, stabilizer, and calcium hardness—works together to create clean, safe, and balanced water. Understanding these relationships allows customers to prevent costly damage and keep pools running at peak efficiency.

WHAT YOU'LL LEARN:

- The ideal chemical targets for Perfect Pool
- How to test and interpret water results
- Step-by-step correction methods for each parameter

Balanced water chemistry is not only required for warranty compliance but also improves energy efficiency, chemical lifespan, and long-term system stability. Following these guidelines ensures clear, sparkling water that feels soft, comfortable, and consistently safe.





IDEAL WATER CHEMISTRY PARAMETERS

RECOMMENDED RANGES

| Parameter | Ideal Range | Test Frequency | Purpose |
|-------------------|-------------|----------------------|--|
| pH | 7.2–7.6 | Weekly | Controls acidity, comfort, and material safety |
| Total Alkalinity | 80–120 ppm | Weekly | Buffers pH fluctuations and stabilizes sanitizer |
| Free Chlorine | 1–3 ppm | Daily or 2–3x weekly | Sanitizes and kills bacteria |
| Combined Chlorine | 0.0–0.3 ppm | Weekly | Indicates organic waste or the need for shock |
| Stabilizer (CYA) | 30–50 ppm | Monthly | Protects chlorine from sunlight |
| Calcium Hardness | 150–250 ppm | Monthly | Maintains vinyl softness and prevents scaling |

KEY TAKEAWAY

Consistent testing is essential. Even small changes in one parameter can affect the entire system. Always adjust alkalinity first, then pH, followed by chlorine or stabilizer as needed.

5.3 PH (POTENTIAL OF HYDROGEN)

pH measures how acidic or basic water is on a scale from 0 to 14, with 7.0 being neutral. Perfect Pool operate best between 7.2 and 7.6, ensuring both comfort and equipment longevity.

Why It Matters:

Low pH (below 7.0) creates corrosive water that attacks metal fittings, adhesives, and vinyl surfaces. High pH (above 7.8) leads to cloudy water, scaling, and reduced chlorine efficiency.

Correction Tips:

If pH is high, add pre-dissolved dry acid (sodium bisulfate). If pH is low, add dissolved baking soda or soda ash. Adjust gradually and allow at least 3 hours of circulation before retesting.

Effects on Swimmers:

Unbalanced pH can cause eye or skin irritation, faded liner color, and sanitizer loss. Consistent testing ensures a safe, stable environment and prevents long-term material wear.





5.4 TOTAL ALKALINITY (TA)

Alkalinity acts as a buffer that prevents rapid pH swings. Proper TA keeps water stable and helps chlorine remain effective.

Ideal Range: 80–120 ppm

WHY IT MATTERS:

Low alkalinity causes sudden pH drops and corrosive water. High alkalinity traps pH in an elevated range, resulting in cloudy water and scale buildup.

HOW TO ADJUST:

To raise TA, dissolve baking soda and pour evenly around the pool perimeter. To lower TA, use small doses of dry acid spaced 24 hours apart.

BEST PRACTICE:

Adjust alkalinity before correcting pH levels. Stable TA allows finer pH control and longer-lasting chemical efficiency. Maintaining this range improves comfort, clarity, and liner protection year-round.





5.5 FREE & COMBINED CHLORINE

Free chlorine (FC) is the active sanitizer that eliminates bacteria and algae. Combined chlorine (CC) forms when chlorine reacts with contaminants, producing odor and irritation

Ideal Range:


- **FC:** 1.0–3.0 ppm
- **CC:** 0.0–0.3 ppm

TESTING & CORRECTION:

If chlorine is low, add pre-dissolved dichlor granules as described in Section 3. If levels are high, allow circulation for 24 hours or dilute with fresh water. If CC exceeds 0.3 ppm, perform a vinyl-safe shock treatment.

WHY IT MATTERS:

Balanced sanitizer levels ensure a healthy swimming environment, prevent cloudy water, and reduce maintenance costs. Keeping chlorine within range is essential for warranty compliance.





5.6 STABILIZER (CYANURIC ACID, CYA)

Cyanuric acid binds with free chlorine to protect it from UV degradation. It prevents sunlight from burning off chlorine too quickly, extending sanitizer lifespan.

Ideal Range: 30–50 ppm

WHY IT MATTERS:

Too little stabilizer causes chlorine loss within hours of exposure to sunlight. Too much creates “chlorine lock,” where sanitizer becomes less effective.

ADJUSTMENT TIPS:

Add stabilizer only if levels fall below 30 ppm. Dissolve in a sock suspended near the return jet. Never pour granules directly into the pool. Avoid exceeding 50 ppm, as high levels reduce chlorine efficiency.

Consistent monitoring ensures strong sanitation and long-lasting chemical balance across the season.





5.7 CALCIUM HARDNESS (CH)

Calcium hardness measures the amount of dissolved calcium in water, affecting both the feel and flexibility of vinyl liners.

Ideal Range: 150–250 ppm

WHY IT MATTERS:

Low calcium creates soft, aggressive water that extracts plasticizers from vinyl, making it brittle. High calcium causes white scale on walls, hoses, and fittings.

ADJUSTMENT TIPS:

If CH is low, add calcium chloride (1 lb. per 10,000 gallons raises ~10 ppm). If CH is high, dilute pool water by partially draining and refilling.

MAINTENANCE GOAL:

Keeping CH within the recommended range preserves vinyl elasticity, prevents wrinkles, and maintains visual clarity.





5.8 HOW WATER CHEMISTRY PARAMETERS INTERACT

| Condition | Common Cause | Result | Correction |
|--------------------|----------------------------------|---------------------------------|----------------------------|
| Low pH + Low TA | Acid overdose or rain | Corrosive water, liner wrinkles | Raise TA first, then pH |
| High pH + High TA | Excess baking soda | Cloudy water, scale | Add dry acid slowly |
| Low FC + High CC | Poor sanitation or contamination | Odor, cloudy water | Shock with dichlor |
| High FC + High pH | Overchlorination, UV loss | Eye irritation | Stop dosing, add clarifier |
| High CYA (>60 ppm) | Overuse of stabilized chlorine | "Chlorine lock" | Dilute with fresh water |

Note: All chemical adjustments should be made gradually with the pump running for 3–4 hours to ensure full circulation.

5.9–5.12 TESTING, SEASONAL ADJUSTMENTS, TIPS & ADVISORY

Accurate testing is the foundation of effective water care. Use high-quality test strips or reagent kits and record readings in your chemical log every week. Replace reagents annually for consistent results.

SEASONAL ADJUSTMENTS:

- Cooler climates: Lower chlorine to 1–2 ppm; test monthly.
- Hot states: Maintain chlorine 2–3 ppm; test twice weekly.
- Use a solar or safety cover to prevent UV loss and evaporation.

PREVENTIVE TIPS:

- Keep debris out of the water.
- Maintain 8 hours of daily circulation.
- Retest after storms or heavy pool use.
- Adjust alkalinity before pH for better stability.

MANUFACTURER ADVISORY:

Perfect Pool requires strict adherence to these parameters for warranty coverage. Deviation beyond $\pm 10\%$ of listed ranges may result in warranty denial or material failure. Balanced chemistry protects every pool component and extends the lifespan of your system.

6.1-6.2 INTRODUCTION & COMPOSITION

FILTER PUFF FILTRATION SYSTEM: OPERATION, CARE & MAINTENANCE

The Perfect Pool system uses a proprietary filtration medium called Perfect Puffs, an advanced alternative to sand or paper cartridges. Each puff is made from high-density polymer fibers that capture contaminants as small as 3 microns, delivering superior water clarity with less maintenance.

The Perfect Puff system is the heart of every Perfect Pool, maintaining balanced circulation and optimal chemical performance. Designed for durability, efficiency, and environmental safety, it provides exceptional filtration at lower operating pressure.

TECHNICAL COMPOSITION:

- High-density synthetic polymer blend
- Chemically inert and non-metallic
- Resistant to bacteria, UV, and chlorine exposure
- Recyclable and non-toxic

Each sphere is electrostatically charged, attracting fine debris, oils, and organic waste. This design achieves precise filtration without the heavy water loss associated with sand backwashing.

The result is a cleaner, faster, and more sustainable filtration system designed for both residential and commercial pool environments.



6.3 FUNCTIONAL PRINCIPLE



Perfect Puffs create a flexible, three-dimensional filter matrix that traps particles through both mechanical capture and electrostatic attraction. Unlike sand filters that rely on pressure and compaction, Perfect Puffs allow consistent flow while maintaining superior filtration accuracy.

As water moves through the filter housing, debris collects within overlapping microfiber layers, reducing cloudiness and capturing particles smaller than visible dust. When debris builds up, pressure or return flow decreases, signaling the need for cleaning or rinsing.

PERFORMANCE ADVANTAGE:

- **Micron rating:** approximately 3 microns
- **Operating pressure:** 0.5–1.5 psi (much lower than sand systems)
- Washable and reusable for multiple cycles
- Maintains flow efficiency with minimal energy use

This dynamic fiber filtration method preserves pump life and prevents clogging. Regular maintenance keeps flow balanced and ensures clean, sparkling water throughout the season.

FILTER PUFF OPERATION & FLOW MANAGEMENT

01. PUMP RUN TIME

Operate the pump for at least 8 hours daily during swim season. Continuous circulation ensures consistent filtration and chemical distribution.



02. FLOW MONITORING

A noticeable drop in jet pressure or cloudy water indicates that the filter media requires rinsing or cleaning.

03. WATER LEVEL

Maintain water at least 2 inches above suction ports to prevent air entry into the pump.

04. HOSE & VALVE POSITION

Keep all connections fully open and free of kinks. Restricted flow reduces efficiency.

05. KEY BENEFITS

- Steady water turnover
- Low operating pressure
- Easy-to-maintain system without backwash valves

These steps ensure optimal flow and balanced system performance.



FILTER PUFF CLEANING & MAINTENANCE

01. WEEKLY RINSE

- Turn off pump and remove filter housing lid.
- Place puffs in a mesh laundry bag.
- Rinse under running water until clear.
- Squeeze gently to remove excess water and reinstall.

02. MONTHLY DEEP CLEAN

- Fill a clean bucket with 5 gallons of water.
- Add ½ gallon of white vinegar or 4 oz of enzyme cleaner.
- Soak for 20–30 minutes, then rinse thoroughly.
- Air-dry in the shade before reinstalling.

03. MANUAL BACKWASH ALTERNATIVE

- Reverse flush manually using a garden hose opposite normal flow.
- Continue until discharge water runs clear.

Never use bleach, degreasers, or acids. These products damage fiber density and void warranty coverage.

FILTER PUFF REPLACEMENT, STORAGE & ENVIRONMENTAL CARE



REPLACEMENT SCHEDULE

| Use Type | Cleaning Frequency | Replacement Interval |
|--------------------|--------------------|--|
| Residential | Rinse weekly | Every 3 months |
| Commercial / Camps | Rinse twice weekly | Every 1-2 months |
| Heavy debris | As needed | Replace upon clumping or discoloration |

02. STORAGE GUIDELINES

- Store dry and sealed, away from sunlight.
- Do not compress or expose to chlorine fumes.
- Keep separate from pool chemicals.

03. ENVIRONMENTAL RESPONSIBILITY

Perfect Puffs are recyclable and safe for disposal in standard waste streams. Do not burn or mix with solvent waste.

Proper care and storage extend product life and reduce environmental impact.

WARRANTY CONDITIONS, SPECIFICATIONS & MAINTENANCE CHECKLIST

01. WARRANTY COVERAGE

Filter media is covered only when maintained according to manufacturer procedures. Chemical exposure or misuse voids coverage.



02. TECHNICAL SPECIFICATIONS

| Property | Specification |
|-----------------------|--------------------------------|
| Fiber Type | Synthetic polymer, closed-cell |
| Effective Filtration | ~3 microns |
| Chemical Resistance | Stable at pH 4-9 |
| Operating Temperature | 40-110°F |
| Reusability | Up to 10 rinse cycles |

03. CUSTOMER CHECKLIST

- Rinse filter puffs weekly
- Deep clean monthly
- Replace every 2-3 months
- Verify suction and return flow weekly

MANUFACTURER STATEMENT:

Perfect Pool confirms that all Perfect Puff filtration systems meet internal quality standards. Proper maintenance ensures long-term efficiency and warranty protection.

MAINTENANCE SCHEDULES & WATER CARE OVERVIEW



Regular maintenance is essential to keeping every Perfect Pool clear, balanced, and fully compliant with manufacturer warranty standards. This section outlines the frequency, responsibilities, and step-by-step routines for both pool owners and distributors.

Every maintenance task plays a role in protecting the system's long-term performance, from daily water testing to monthly inspections. Following this schedule ensures consistent chemical balance, optimal circulation, and long-lasting vinyl integrity.

ROLES & RESPONSIBILITIES:

- Customer / Pool Owner: Perform testing, chemical adjustments, and record entries in the chemical log.
- Distributor / Installer: Provide training at setup, verify initial balance, and inspect systems during quarterly visits.
- Manufacturer: Review warranty claims, issue guidance, and evaluate compliance based on submitted maintenance documentation.

By completing the outlined routines and keeping detailed records, customers ensure safe operation and full warranty eligibility.





DAILY WATER CARE & OBSERVATION

01. MORNING — VISUAL INSPECTION

Booklets are printed materials with four or more pages, containing details about a business, event, product, promotion, etc.

They are also known as catalogs or pamphlets.

02. AFTERNOON — CHLORINE MONITORING

Test chlorine using a quick strip. Maintain levels between 1–3 ppm. If readings are low, add pre-dissolved dichlor sanitizer as outlined in Section 3.

03. EVENING — COVER & SAFETY CHECK

Secure the pool cover after use, especially in hot or high-UV regions. This prevents chlorine loss, reduces evaporation, and keeps debris out overnight.

NOTES:

Daily monitoring prevents buildup and allows minor issues to be corrected before they require major cleaning or chemical adjustment.

These simple daily actions support smooth filtration, safer water conditions, and better chemical efficiency throughout the swim season.



WEEKLY MAINTENANCE SCHEDULE

01. MONDAY — FULL WATER TEST

Test pH, alkalinity, and chlorine levels. Adjust using baking soda, dry acid, or sanitizer as needed. Record all readings in the chemical log.

02. WEDNESDAY — REGULAR SANITIZATION

Add the scheduled chlorine dose (see Section 3.3.1). Pour evenly through the center “Safe Pour Zone.”

03. FRIDAY — SHOCK TREATMENT

Pre-dissolve dichlor shock and add at dusk while the pump is running. Allow circulation for at least 4 hours before closing the pool.

04. SATURDAY — FILTER PUFF RINSE

Remove filter media and rinse until clear. Inspect for discoloration or debris buildup.

05. SUNDAY — CLARIFIER & FINAL CHECK

Add weekly clarifier with the pump on to enhance sparkle.

Consistent weekly care ensures balanced water chemistry and sustained filtration performance all season long.



MONTHLY, SEASONAL & REGIONAL ADJUSTMENTS

01. MONTHLY ROUTINE

- Deep clean filter puffs using vinegar or enzyme cleaner.
- Conduct a full chemistry test including stabilizer and calcium hardness.
- Inspect hoses, seals, and suction ports for wear.
- Review and initial chemical log.

02. SEASONAL ADJUSTMENTS

- **Spring:** Replace filter media and balance alkalinity before filling.
- **Summer:** Test twice weekly in hot states. Keep chlorine near 3 ppm.
- **Fall/Winter:** Deep clean filter, shock water once, and store dry media indoors.

03. REGIONAL NOTES

- **Midwest/North:** Lower stabilizer levels (20–40 ppm).
- **Southern/Hot States:** Increase testing frequency; use a solar cover to retain chlorine.

Adhering to these cycles prevents scale buildup, prolongs filter lifespan, and preserves liner flexibility year after year.



DISTRIBUTOR REVIEW, COMPLIANCE & CUSTOMER ACKNOWLEDGMENT

01. DISTRIBUTOR SERVICE REVIEW

During each quarterly or annual visit, distributors must verify the following:

- Filter Puff condition and replacement schedule
- pH and alkalinity within range
- Chlorine between 1–3 ppm
- Chemical log accuracy and completeness

02. ANNUAL TASKS

- **Start of Season:** Replace all filter media and inspect ports and fittings.
- **Mid-Season:** Recheck stabilizer and rebalance if below 30 ppm.
- **End of Season:** Document final readings, clean equipment, and store components dry.

03. CUSTOMER ACKNOWLEDGMENT

"I acknowledge that I have read and understand the required maintenance schedule and that failure to follow these guidelines may result in warranty loss."

Signatures:

Customer: _____ **Date:** _____

Distributor/Installer: _____ **Date:** _____

This acknowledgment finalizes the maintenance documentation required for warranty compliance.



SAFETY PRACTICES & CHEMICAL HANDLING PROTOCOLS

The goal of this section is to protect both pool owners and distributors through clear safety standards for all chemical use and maintenance procedures. These guidelines are based on EPA, OSHA, and NSF consumer safety benchmarks and are required for full warranty compliance.

Proper handling prevents accidents, reduces exposure risk, and ensures consistent water quality. Each chemical used in a Perfect Pool system has been tested for compatibility with our vinyl, adhesives, and filtration media. Incorrect storage, mixing, or application can lead to severe chemical reactions or liner damage.

This section provides instructions for safe preparation, personal protection, and step-by-step application methods. By following these procedures, customers can maintain crystal-clear water while ensuring the health and safety of all users.

Always read every label, use protective gear, and record each treatment in the chemical log. Safe handling protects not only the system but also everyone who interacts with it.



8.2 GENERAL SAFETY PRINCIPLES

All pool chemicals require careful attention and deliberate handling. Following these basic safety principles helps prevent injury, equipment damage, and water contamination.

1. PLAN BEFORE YOU POUR

Always test water before adding any product. Determine the exact chemical need and dosage using test results.

2. ONE PRODUCT AT A TIME

Mixing chemicals together can release harmful gases or heat. Add one chemical, circulate the water, then wait 3–4 hours before adding another.

3. PROTECTIVE EQUIPMENT

Wear nitrile gloves, safety goggles, and long sleeves when mixing or adding chemicals. Avoid contact with skin or eyes.

4. VENTILATION

Handle all products outdoors or in a well-ventilated space. Avoid breathing vapors or dust.

5. LABEL AWARENESS

Follow all product directions exactly as written and never exceed recommended concentrations.

These five rules form the foundation of safe water care and are mandatory under manufacturer guidelines.



SAFE CHEMICAL PREPARATION PROCEDURES

01. CONFIRM PUMP OPERATION

Ensure the pump is running before adding any chemical. Circulating water helps distribute products evenly and prevents surface bleaching.

02. USE A DEDICATED MIXING BUCKET

Only use a labeled 5-gallon bucket reserved for pool use. Fill it three-quarters full with pool water before adding any product.

03. PRE-DISSOLVE ALL GRANULAR CHEMICALS

Slowly stir dry products into water until fully dissolved. Never add water to chemicals; always add chemicals to water.

04. PREPARE ONE CHEMICAL AT A TIME

Complete each treatment fully before starting another. Allow at least four hours of circulation between different chemicals.

05. KEEP CHEMICALS SEPARATE

Store containers closed, upright, and in a cool, dry place. Never mix, stack, or pour leftover materials into the same container.

These preparation steps reduce the risk of dangerous reactions and extend the lifespan of your equipment.



SAFE APPLICATION PROCEDURES & BEST PRACTICES

01. PROPER POURING TECHNIQUE

Distribute chemicals evenly around the perimeter of the pool. Avoid direct pouring over suction ports or near the liner base.

02. TIMING & CIRCULATION

Always add chemicals during cooler hours, preferably at dusk. Run the pump for 3–4 hours to allow full dispersion.

03. AVOID OVERLAPPING TREATMENTS

Do not add multiple chemicals within the same four-hour period. Overlapping can cause pH imbalance or damage to the filter media.

04. POST-TREATMENT RINSE

After handling chemicals, rinse all buckets and tools with fresh water and store them separately from other materials.

05. DOCUMENTATION

Record every treatment in the chemical log. Include chemical type, dosage, date, and initials.

These best practices ensure safe water management, stable chemical performance, and full compliance with manufacturer warranty policies.

SAFETY DATA SHEET (SDS) REFERENCE INDEX



Every chemical referenced in this manual is supported by a current Safety Data Sheet (SDS) maintained by Perfect Pool, Inc. in compliance with OSHA 29 CFR 1910.1200 (Hazard Communication Standard) and EPA consumer chemical safety regulations.

Authorized distributors must ensure SDS accessibility at all retail and service locations.

SDS ARCHIVE REFERENCE:

- **Perfect Pool** SDS Library (Rev. 2025) – File Code PP-SDS-0125
- Approved Product Categories (Section 3) Cross-Referenced to Individual SDS Numbers PP-001 through PP-010

SDS updates are issued annually or immediately upon material composition change.

CHEMICAL DISPOSAL & ENVIRONMENTAL GUIDANCE

Disposal of unused or expired chemicals must follow **EPA 40 CFR Part 261 (Identification and Listing of Hazardous Waste)**.

- Never pour chemicals into drains, soil, or public sewers.
- Absorb small spills with inert material (sand or vermiculite) and dispose of as solid waste under local ordinances.
- Consult local municipal hazardous-waste collection centers for drop-off requirements.
- Rinse and recycle plastic containers only when completely empty and neutralized.

Improper disposal may violate federal law and void warranty coverage.

WARRANTY COMPLIANCE OVERVIEW



The Perfect Pool warranty protects customers against defects in materials or workmanship when all operating, maintenance, and chemical guidelines are followed. This section summarizes warranty coverage, claim eligibility, and customer responsibilities.

Perfect Pool products are built to meet strict performance standards. Warranty coverage applies only when the pool system has been maintained according to the procedures outlined throughout this manual. Any misuse, improper chemical application, or failure to document maintenance may result in warranty denial.

KEY POINTS:

- Maintain daily and weekly chemical balance logs.
- Use only approved cleaning and treatment products.
- Follow proper filtration care and replacement intervals.
- Submit claims in writing with supporting photos and records.

They are also known as catalogs or pamphlets, and are usually created to communicate a message to a wide variety of audiences.

COVERAGE, EXCLUSIONS & LIMITATIONS

COVERED UNDER WARRANTY:

- Structural and manufacturing defects in pool materials or components.
- Normal liner and weld seam integrity within the specified lifespan.
- Filter Puff performance when maintained as directed.

NOT COVERED:

- Damage from misuse, unapproved chemicals, or improper installation.
- Natural fading or discoloration from sunlight or high chlorine exposure.
- Tears, punctures, or seam separation caused by animals or sharp objects.
- Neglect, freeze damage, or non-compliance with chemical balance requirements.

CONDITIONS:

- All claims require a valid proof of purchase, photos, and complete maintenance records.
- Warranty service is limited to repair, replacement, or store credit at the manufacturer's discretion.
- Maintain daily and weekly chemical balance logs.
- Use only approved cleaning and treatment products.





CUSTOMER & DISTRIBUTOR ACKNOWLEDGMENT

01. STATEMENT OF UNDERSTANDING

By signing below, both customer and distributor confirm that they have received, reviewed, and understood the contents of the Perfect Pool Water Care, Chemical Safety & Warranty Compliance Manual. This includes approved chemical use, maintenance schedules, and warranty limitations.

Both parties acknowledge that failure to follow these outlined procedures may result in reduced coverage or denial of warranty claims.

02. CONTACT INFORMATION

Perfect Pool, Inc.
44729 Morley Dr
Clinton Township, MI 48038
☎ (800) 941-3340
✉ info@thepoolco.com

03. SIGNATURE BLOCK

Customer Name: _____

Signature: _____

Date: _____

Distributor / Installer: _____

Signature: _____

Date: _____

Thank you for choosing Perfect Pool, Inc.
Your compliance, care, and attention ensure the highest standards of safety,
longevity, and performance for your pool system.



APPENDIX C – SAFETY DATA SHEET CROSS-REFERENCE


| Chemical Category | Approved Product Type | SDS Number | Expiration / Review Date |
|--|----------------------------------|------------|--------------------------|
| Sanitizer – Sodium Dichloro-s-Triazinetrione | Perfect Shock / Dichlor Granules | PP-001 | Dec 2026 |
| pH Reducer – Sodium Bisulfate | Perfect pH Down | PP-002 | Dec 2026 |
| pH Increaser – Sodium Bicarbonate | Perfect pH Up | PP-003 | Dec 2026 |
| Clarifier – Polymer Type | Perfect Clear | PP-004 | Dec 2026 |
| Algaecide – Polyquat 60 (non-metallic) | Perfect Guard | PP-005 | Dec 2026 |
| Filter Cleaner – Enzyme Solution | Perfect Clean | PP-006 | Dec 2026 |
| UV Protectant – 303 Aerospace Type | Perfect UV Protect | PP-007 | Dec 2026 |

Thank you for choosing Perfect Pool, Inc.
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**PERFECT POOL,
INC.**

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 thepoolco.com

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Compliance Certification:

This manual (Rev. 1.2) meets or exceeds OSHA Hazard Communication (HCS), EPA Consumer Chemical Safety, and ISO 9001 documentation standards.

Reviewed & Approved by: Perfect Pool, Inc. Compliance Department – January 2025