

# hotsy®

**BIODEGRADABLE DETERGENTS**

*Specially-formulated for use in ALL Pressure Washers and Automatic Parts Washers*



# Six reasons to choose Hotsy Detergents

Your choice of detergents is critical if you want the best possible cleaning results...and the longest life from your equipment.



## Clearly, for all types of pressure washers and parts washers, the preferred choice is Hotsy detergents.

Why? Because Hotsy cleaners are formulated by experienced detergent chemists who have a thorough understanding of pressure-washer and parts-washer systems, as well as cleaning applications. Then, they're produced under strict quality control in Hotsy's own detergent-manufacturing facility. The benefits to you include:

- **The best possible cleaning results**
- **Lower operating costs**
- **Longer equipment life**
- **Environmentally friendly operation**
- **Expert service and support**
- **A broad choice of detergents, optimized for specific cleaning applications**

### 1. Most effective cleaning

Unlike so-called "economy" products, Hotsy detergents are designed specifically for high-pressure, high-temperature cleaning. Hotsy detergents actually become more effective as temperatures increase. Inferior detergents begin to decompose under high temperature and pressure. The resultant precipitants form deposits that are bad news for the equipment you're cleaning as well as the pressure- or parts-washer itself.

Hotsy detergents are also tailored to specific cleaning applications. You'll find 50 individual formulations to choose from, which means you're sure to find one designed to tackle your specific cleaning task...with the least amount of time and effort, and at the lowest cost.

### 2. Economical operation

Hotsy detergents are super concentrated. They're designed to blend with water in ratios up to 128 parts of water to 1 part of detergent. Compare that to economy brands and you'll see why Hotsy detergents go a long, long way, and keep your operating costs low.

Hotsy also gives you a choice of economical ways to buy detergents, from 5-gallon pails to 55-gallon drums to BulkPaks that provide up to 200 gallons of on-site storage. You can also get Hotsy's economical powder detergents in package sizes from 10 to 450 pounds.

### 3. Preserves your equipment investment

Using inferior "economy" detergents can ultimately cost you plenty in pressure-washer and parts-washer maintenance and replacement.

Heat-exchanger cutaway

Lime & soap buildup

Reduced flow



That's because these products allow lime and soap to build up inside of system components and pipes in hard-water environments. The result is reduced performance, higher maintenance costs and shorter equipment life.

Most Hotsy detergents contain exclusive Hotsy Continuous Clean (HCC) additives, which help prevent lime and soap buildup. In addition, they contain corrosion inhibitors that not only help protect the internal parts of your equipment, but also help protect metal surfaces of the equipment you wash.

### 4. Environmentally friendly

You can use Hotsy detergents with complete confidence. They're safe for your equipment and safe around personnel. They have no unpleasant odors. And they're biodegradable, so they're safe for the environment as well. Most are USDA and Canadian Food Inspection approved. OSHA Material Safety Data Sheets are available on all Hotsy detergents.

### 5. Expert service & support

Your Hotsy representative is a cleaning-system specialist who takes a total-solution approach to your cleaning task. That means selecting the detergent that matches both your equipment and your application to give you the best cleaning solution at the lowest possible cost. Your representative is highly motivated to get – and keep – your business. That means giving you superior cleaning results.

To help achieve those results, your local representative is backed by Hotsy's detergent chemists. They're always available to assist in tough cleaning applications and to advise on the proper detergent selection.

### 6. Wide selection

Choose from 50 Hotsy detergent formulations. Each is biodegradable, and most are USDA approved. They contain water softeners and wetting agents for fast action in virtually any water condition. And they work well in both hot and cold water.

# Pressure Wash

## DETERGENTS FOR HEAVY

### Concentrated Liquid Detergents

**Hotsy Breakthrough!** – This highly-concentrated detergent is extremely popular and effective for tackling crude oil and caked-on buildup of fifth-wheel grease ... yet it's gentle enough for fine finishes on cars.



**Hotsy Blue Thunder** – A popular vehicle cleaner for removing exhaust deposits, road film and bug residue. Excellent for older vehicles with faded finishes. Works well in cold water.

**Hotsy Super XL** – An all-purpose detergent popular in the agriculture, construction, transportation and food industries, it is safe on all surfaces, easy to use, low-foaming and free rinsing.

**Hotsy Carbon-ATE** – A highly-concentrated detergent for tackling engine degreasing, parts cleaning, hard-to-clean vehicles, road film, carbon smoke trails, plus food and grease build-ups ... in both hot and cold water. Excellent for whitewalls. "Fresh & Clean" Scent.

**Hotsy Power-Shine** – A highly-concentrated vehicle cleaner that produces rich suds to increase surface dwell time and cleaning action. Excellent for road film and oxidized paint. Works well in hard water and leaves a shine. "Fresh & Clean" Scent.

**Hotsy Carbon-ATE-Plus & Power-Shine Plus** – A special wax added to Hotsy Carbon-ATE and Hotsy Power-Shine, results in two outstanding detergents. Both provide durable, attractive finishes that keep dirt from adhering to surfaces, protecting them against salt, air pollution and acid rain. Easy to rinse with reduced water spotting. "Fresh & Clean" Scent.

**Hotsy Ripper I** – Highly concentrated, non-caustic cleaner for heavy equipment and trucks. This fast-acting cleaner is especially effective on off-road and grease-clogged equipment and great on hard-to-remove road film on tractor/trailers. Safe to use indoors and on all painted surfaces.

**Hotsy Ripper II** – This extra-heavy-duty detergent is caustic based for really tough cleaning jobs such as heavy equipment and off-road machinery. Extra cleaning action attacks hydraulic-oil stains and is particularly effective on heavy deposits of dirt and grease.

**Hotsy Nytro** – Truckers and fleet-maintenance specialists swear by this heavy-duty detergent. It makes diesel smoke stains, road film and gummy grease residue disappear. It's equally effective on floors, walls and windows. Use this powerful cleaner where other detergents and chemicals fail.



**Hotsy Product 31** – Here's an all-purpose vehicle cleaner for a wide range of applications. Use it on over-the-road tractors and trailers, truck fleets and cars. Powerful yet gentle cleaners attack road film and dirt while protecting painted surfaces.

**Hotsy Transport Vehicle Wash**– This liquid detergent cleans stainless steel, aluminum, glass, and painted surfaces such as cars, trucks, busses, RVs, trailers, mobile homes, tractors, etc. Perfect for use as a pre-spray for cleaning engines, whitewall tires, vinyl and metal tops.

**Hotsy Fleet Wash** – An extremely effective detergent for cleaning stainless steel, aluminum, glass and painted surfaces on cars, trucks, buses, RVs, trailers, mobile homes, tractors, etc. Also perfect as a pre-spray for cleaning engines and white-wall tires, as well as vinyl and metal tops.

### Powder Detergents

**Hotsy Super X** – This concentrated powder form of Super XL is an all-purpose detergent popular in the agriculture, construction, transportation and food industries. Safe on all surfaces, it's easy to use, low-foaming and free rinsing.

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## Y-DUTY HOT- AND COLD-WATER PRESSURE WASHERS

**Hotsy TW II** – A powder concentrate especially effective in painted-vehicle cleaning, removing exhaust deposits, road film and bug residue. Good for cold-water washing.

**Hotsy Red** – This super-concentrated detergent offers outstanding cleaning at low cost. It is ideal for heavy-duty truck and car washing applications in both automatic and manual washing systems.

**Hotsy Xtra Power Car & Truck Wash** – A specially formulated powder that cuts road grime and oxidation, helps remove the toughest dirt and carbon buildup, yet is safe on all painted surfaces. Effective in either soft or hard water.



### Specialty Cleaning Products

#### **Hotsy Polished Aluminum & Stainless Steel Cleaner** –

This non-etching specialty cleaner contains a concentrated blend of surfactants and glycol ethers to quickly penetrate and clean a variety of dirt, grease, oil, road film, diesel smoke and welding smut.

#### **Hotsy Aluminum Brightener** –

An easy-to-apply brightener for cleaning and restoring aluminum surfaces. It even makes oxidized aluminum look like new with just one application. Not for use on glass.

#### **Hotsy Aluminum Brightener II** –

This economical alternative to our original Aluminum Brightener removes oxidation, diesel oils and resins from aluminum.

**Hotsy Cleaner/Phosphatizer No. 2** – A complete and economical detergent and phosphatizing system for one-step cleaning and phosphatizing of iron and steel parts. Equally effective in spray, dip and wipe-on applications.

**Hotsy Carbo-Chlor** – A special emulsifying formula with high-powered bleach for processors, packers and packagers of foods, fish and meats. It's great for stubborn stains, dirt, odors, oils and fats left behind on equipment, floors and walls.

**Hotsy Liquid Foamer** – When combined with most detergents, it creates mountains of suds and increases dwell time to loosen dirt, grease and oil. Designed for use with foam generators and revolving brushes.

**Hotsy Aero One** – Approved for aircraft use, this non-toxic detergent has met rigorous standards set by Naval Air Development Command; Lockheed (Aerospace Specification AMS-1526); The Boeing Company and McDonnell-Douglas. High concentrations of corrosion inhibitors fight the effects of salt air, air pollution and acid rain.

**Hotsy Miracle Wizz** – An unsurpassed liquid for removing baked-on carbon found in food preparation, bakeries, restaurants, food-processing plants, etc. It's also great for engine degreasing and graffiti removal.



**Hotsy Enviro-Clean** – This phosphate-free detergent is excellent for communities where phosphates are prohibited from entering municipal wastewater treatment facilities. It's safe for all kinds of cleaning, yet has the cleaning power of highly concentrated degreasers.

**Hotsy Citrus Clean** – This citrus-based detergent additive increases any detergent's cleaning and degreasing power. It also enhances rinsing and is a great degreaser in its own right.

**Hotsy 400 Wax** – Added to a final rinse, this long-lasting, liquid wax creates a durable finish that improves a vehicle's appearance and keeps dirt from adhering to the surface. It gives added protection against salt, air pollution and acid rain.

**Hotsy Ripper III** – Formulated specifically for cleaning food-processing equipment in restaurants, hotels/motels, schools and food-processing plants, Ripper III removes burned-on foods, grease, carbon and scale from ovens, deep-fat fryers, hoods, barbecue grills, equipment and utensils.

**Hotsy "99"** – A highly concentrated formulation of non-fuming inhibited acid and surfactants that remove concrete, welding smut, hard-water scale, rust, mortar and diesel smoke. It is ideal for cleaning and descaling concrete trucks, metal surfaces, equipment, bricks and glass.

#### **Hotsy TML Floor Scrubber Compound** –

For use in all industrial floor-scrubbing applications, this cleaner is non-foaming, phosphate free and solvent free. It is safe for use on painted surfaces.

### **Hotsy Paint & Powder Coat**

**Stripper I** – This fully biodegradable alkaline stripper is fast and effective in removing all types of paint and powder coatings. It contains no phenolics, chlorinated solvents or corrosive caustic chemicals and is not an EPA hazardous waste at pH levels less than 12.5. Not for use on aluminum, magnesium or galvanized metals.

### **Hotsy Paint & Powder Coat**

**Stripper II** – Like Paint & Powder Coat Stripper I, this product quickly removes all types of paint and powder coatings and is safe for use on aluminum, steel, iron, stainless steel, brass, copper alloys and plastics. It is not an EPA hazardous waste at pH levels less than 12.5.



**Hotsy Enviro-Gard I** – For use with recycle systems, this phosphate-free, biodegradable liquid contains a new generation of surfactants that are readily destroyed by chlorine or bleach, preventing residual buildup. Oils and greases are rapidly released, maximizing separation.

**Hotsy Enviro-Gard II** – Formulated for use with filtration-type or gray-water recycle systems, this phosphate-free, biodegradable liquid releases oils and greases rapidly for maximum separation. Low solid content reduces buildup, providing more cycles between discharge.

# Parts Washers

## **DETERGENTS FOR USE IN ALL TYPES OF PARTS WASHERS**

*These specialized biodegradable detergents contain advanced corrosion inhibitors to prevent rust and are designed specifically for use in parts washers. They provide the best possible performance while helping to protect your parts-washer investment.*

### **Hotsy Tubmate All-Purpose**

**Detergent** – A concentrated powder detergent for cleaning a variety of parts, including iron, steel, soft metals, plastics and electronics.

### **Hotsy Tubmate Iron & Steel**

**Cleaner** – A heavy-duty liquid detergent perfect for truckers, manufacturers, railroads, food processors, bakeries and other applications requiring the removal of heavy grease, baked-on carbon, loose paint and coatings.

### **Hotsy Tubmate Phosphatizer /**

**Cleaner** – A complete one-step detergent and phosphatizing system for cleaning metal parts and preparing them for painting.

**Hotsy Tubmate Aluminum & Alloy Cleaner** – A heavy-duty liquid detergent that's safe for all soft metals, such as aluminum, magnesium, nickel, etc.



### **Hotsy Tubmate General-Purpose**

**Liquid** – A phosphate-free, biodegradable, super-concentrated liquid. Works great with automatic detergent injectors.

### **Finish Line Manual Parts**

**Washer Detergent** - A fully biodegradable, phosphate-free, neutral pH, water-based detergent designed specifically for the Hotsy PitStop Manual Parts Washer. Finish Line removes greases, oils and grime from metals, painted and plastic parts.

### **Hotsy Vapor Corrosion Inhibitor** –

This additive is carried in water vapor and helps prevent rust, not only on your automatic parts washer's internal surfaces, but also on cleaned metal parts that would normally rust if left in the basket of a hot parts washer.

### **Hotsy Defoamer** – This biodegrad-

able defoamer is added to parts-washer cleaning solutions to reduce foam buildup. Hotsy Defoamer does not interfere with the detergent's normal cleaning ability.

# North America's #1 Manufacturer of High-Quality Cleaning Equipment



Since 1970, Hotsy has helped hundreds of thousands of businesses save time and money by keeping valuable parts and equipment clean. Businesses have also looked to Hotsy for help in meeting increasingly strict environmental requirements. As a result, we've developed a complete family of hot- and cold-water pressure washers, automatic parts washers, accessories and detergents. With Hotsy, you'll find a solution for virtually any industrial cleaning application.

## Hotsy Accessories for top performance and machine longevity



**All Hotsy Accessories** are built to Hotsy specifications and perform to Hotsy standards. Hotsy Sales and Service Centers not only stock thousands of parts, but have dependable service departments to keep your equipment operating smoothly.



### Nationwide service and support

With more than 120 sales and service centers in the U.S., Canada and Mexico, there's a Hotsy location near you. Factory-trained representatives and service people, backed by local parts and accessory inventories, are ready to assist you with sales and service support.



### Call today for a FREE DEMO at your site

Find out for yourself. Ask for a FREE DEMONSTRATION of a Hotsy machine at your site. Experience the cleaning power of a Hotsy first hand. Examine its quality construction. You'll understand why Hotsys are the #1 choice in industrial cleaning.

## Want to know more?



Everything you've wanted to know about the entire family of Hotsy products is only a mouse-click away at: **[www.hotsy.com](http://www.hotsy.com)**. Visit our website today to locate the Hotsy Distributor near you.



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**Nothing Cleans Like A Hotsy!**

**Call your Hotsy representative at 1-800-525-1976 for complete details on any Hotsy cleaning system.**